



President's Message



Arlene C. Booker,

President,
Colorado Futuretek, Inc.

Colorado Futuretek is a 501(C) (3) nonprofit corporation. Our mission is to provide enrichment training and resources to help African American and other underrepresented minority youth obtain marketable skills in the Information Technology and computer industries. We also focus on elevating our senior citizens by providing basic computer and smartphone training to increase their knowledge and comfort level with technology.

For years, African Americans have been underrepresented in Science, Technology, Engineering & Math (STEM) fields. Today, African Americans make up approximately 9% of the STEM workforce. Our programs target middle and high school students. Our instructors are STEM professionals and retired engineers and most are African Americans. This is important and a huge benefit because our students are able to interact with career professionals that look like them. The more we can expose our youth early on to STEM training and careers, the better chance we have in increasing the African American workforce in STEM fields.

We completed another successful year in 2024, serving a record number of students in SummerTEK 2024. Our 6-week SummerTEK 2024 program for high school students included the following courses:

- CCNA v7 Introduction to Computer Networks
- Introduction to Cybersecurity
- Entrepreneurship (ESB Certification) *
- Professional Communication Skills (CSB Certification) *

* In partnership with SparqU

We provided a summer STEAM! online camp for 5th through 8th grade students that included computer programming and a winter STEAM! workshop for middle and high school on financial literacy. We had great participation with our Summer SilverTek's and Silver Saturday's classes in the spring and fall. Students that have successfully completed SummerTEK served as paid tutors working with the seniors on their projects, under the direction of the lead instructor.

I am pleased to present our 2024 Annual Report summarizing our activities and finances. For more information on all of our programs, please visit our website at: <https://www.cftek.org>

Our Vision

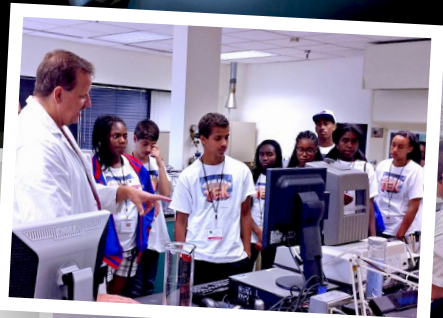
To help African American and other underrepresented minority students and senior citizens **bridge** the “Digital Divide” and **thrive** in today’s technology-driven world.

To **leverage** the experience and expertise of engineers, entrepreneurs, and other business professionals to **support** this effort.

Our Mission

To provide **enrichment training** and **resources** to help African American and other underrepresented minority youth obtain **marketable skills** in the IT and computer industry and support them in developing interpersonal and entrepreneurial skills.

To **elevate** senior citizens by providing basic computer and smartphone training and **assistance** to increase their **knowledge** and **comfort** with technology.



15 Years of Impact

2010

2011

2012

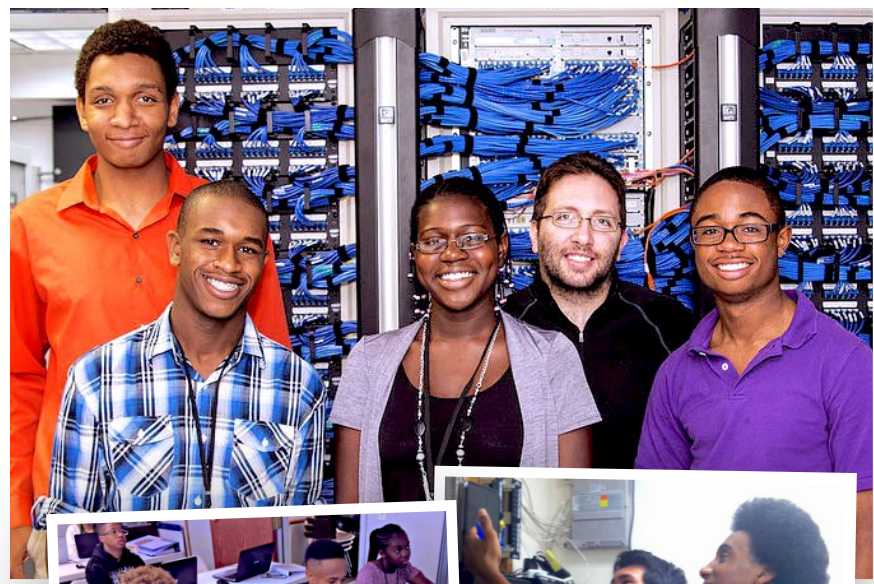
2013

2014

2015

2016

2017



2018

2019

2020

2021

2022

2023

2024

2024 Year in Review

In 2024, we celebrated the accomplishments of youth and seniors who completed our programs. Our students received official certifications from Certiport and certificates from the Cisco Networking Academy, opening new pathways for the future. Our seniors excelled in our programs, completing projects that helped them transition to Microsoft 365 from older versions of Microsoft Office.

136 

Students & Seniors Served

400+ 

Hours of youth tutoring senior citizens, one-on-one

2x 

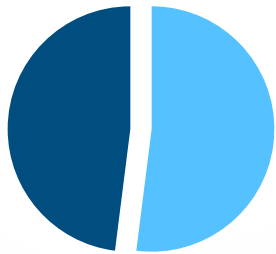
Number of SummerTEK students vs previous year

36 

Students earned Cisco Networking Academy Certificates or Certiport Certifications

Youth Outreach Results

We are proud of the number of African American students we helped in 2024 from over two dozen schools across the Denver metro area. We are especially excited about the large number of girls getting exposure to STEM and technology training—often for the first time.



52%

Male

48%

Female



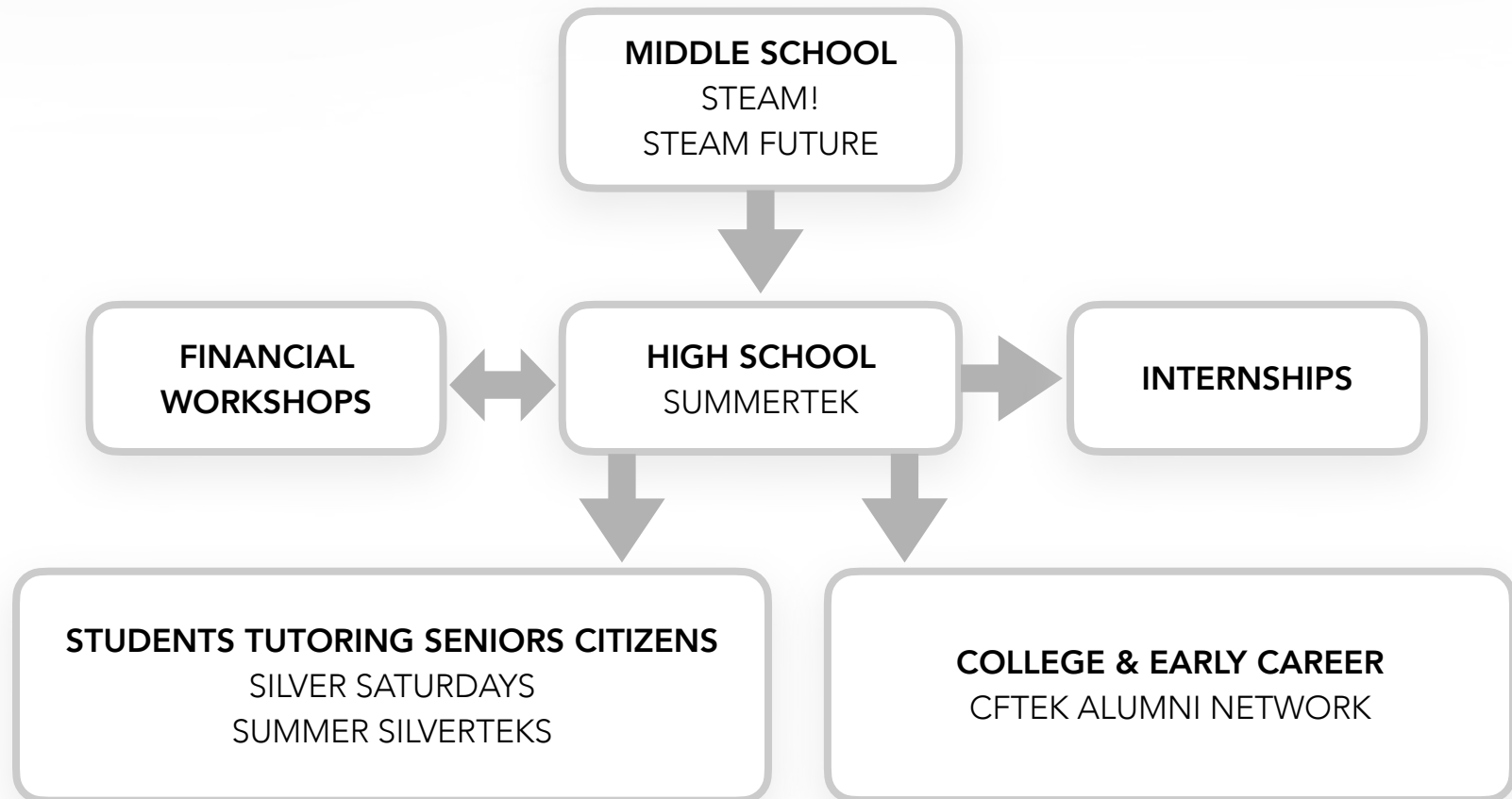
Schools across the Denver
Metro Area



Youth Summer Program
Completion Rate

Student Program Overview

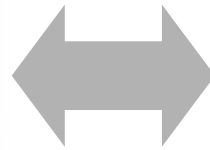
Our student programs help young people become productive citizens who will help to fill the widely recognized need for technical professionals over the next decade. We provide training for Middle School and High School students, along with internships, career exploration, and financial workshops. We also provide networking opportunities and resources for college and early career young adults.



Senior Program Overview

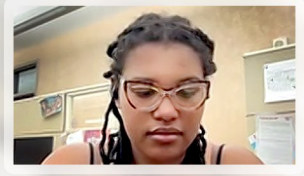
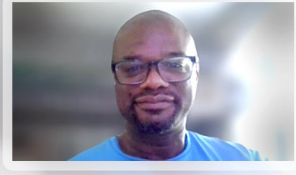
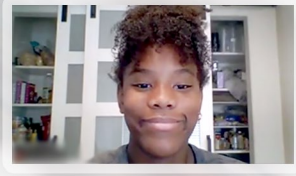
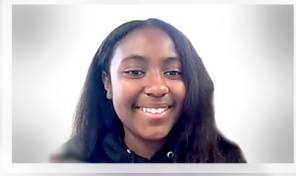
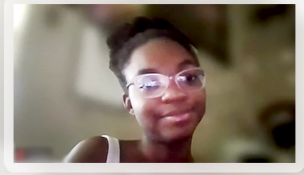
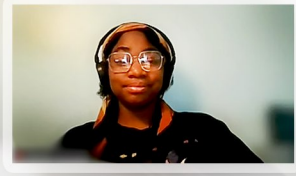
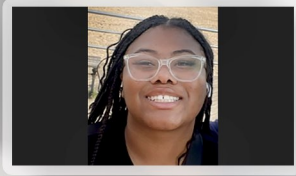
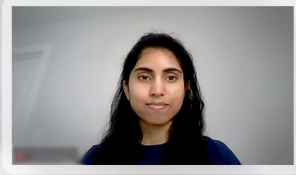
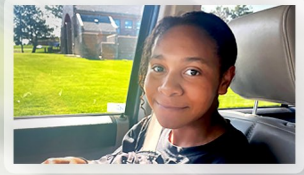
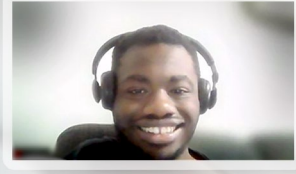
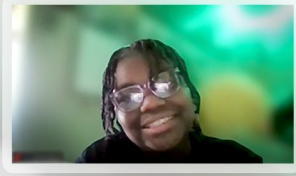
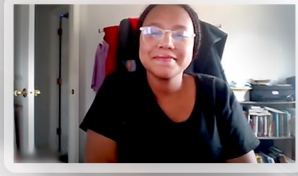
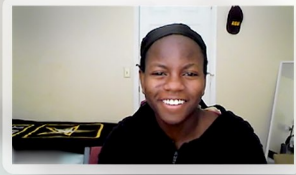
Our senior programs are designed to help senior citizens develop a wide array of skills in basic computing, email, and Microsoft 365—all with Colorado Futuretek student tutors for help and assistance. This guidance and support creates an encouraging and comfortable environment for seniors to thrive in the “digital age.”

MICROSOFT 365 4-WEEK COURSE
SUMMER SILVERTEKS



**ON-GOING PROJECT-BASED
LEARNING / COMPUTER BASICS**
SILVER SATURDAYS





STEAM! SUMMER PROGRAM

JULY 8 - 25, 2024 | MIDDLE SCHOOL



Interactive, fun, project-based learning each summer.

Our STEAM! Summer program introduces students in Grades 5-8 to Paint 3D, Minecraft programming, and financial literacy in a fun and interactive way. High school readiness is included for 7th & 8th grade students, putting them ahead of the crowd. In 2024, students built a 3D Underwater diorama—all from scratch. Students learned the basics of 3-dimensional design in Microsoft Paint 3D, how to use the tools to import, rotate, and place objects along a 3D plane.

Coding basics with Minecraft.

Students got an introductory experience with coding and computer science from Minecraft Hour of Code tutorials at Code.org. These tutorials taught students basic commands, loops, while statements, and do statements. Each student had to overcome obstacles and solve puzzles with code to make it to the end.



“ I really love this camp and I think you should join it.

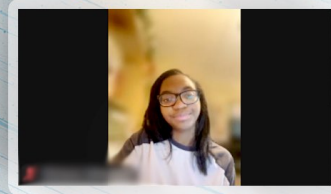
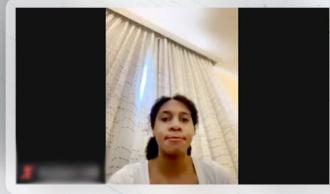
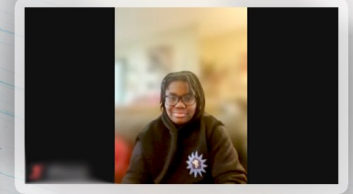
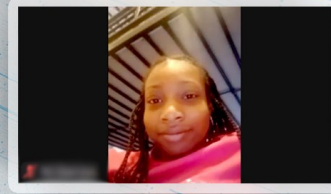
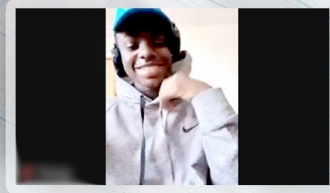
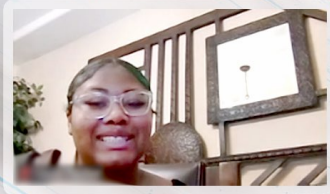
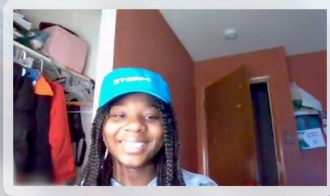
We get to do all kinds of fun stuff—even in Paint 3D!

You learn coding...you get to make your own cartoon or whatever you want...and you get to use these really cool 3D pictures...

I would love many kids to do this camp, for the ones who love coding and just a fun online summer camp. ”



Samuel



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STEAM! FUTURE

DECEMBER 2024 | MIDDLE & HIGH SCHOOL

The basics for a strong financial foundation, and future.

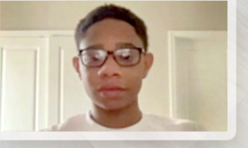
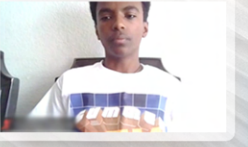
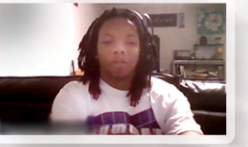
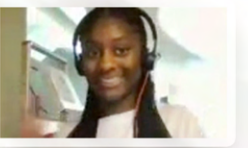
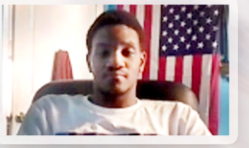
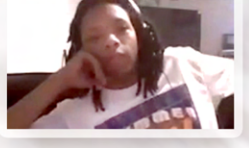
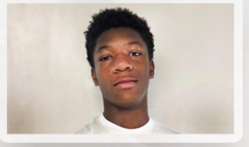
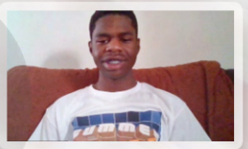
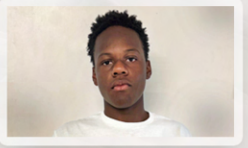
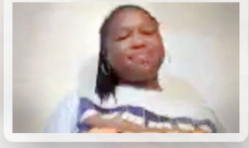
STEAM! FUTURE is all about finance and this year was no different. Students learned the basics of a budget, how to create one, how to set financial goals, the difference between short-term and long term saving, and how to shop responsibly.

Students learned about credit basics, good and bad debt, and the importance of maintaining good credit. Additionally, Colorado Futuretek provided each child with a \$10 deposit to open a savings account.

B U D G E T B A S I C S | C R E D I T | S A V I N G | S M A R T S P E N D I N G



Personal Banking



SUMMERTEK

JUNE 10 - JULY 19, 2024 | HIGH SCHOOL



Valuable technology & business skills training, opening new opportunities.

SummerTEK is our opportunity for high school students to explore rewarding careers and to acquire valuable technology skills in a supportive and user-friendly environment. This year, 36 SummerTEK students earned Cisco Networking Academy certificates for the Networking and Cybersecurity courses, or certification from Certiport for the Entrepreneurship and Communication Skills courses.

Here is a description of the four exciting courses we held in SummerTEK 2024:

- **CCNA v7 Introduction to Networks** – Students learned how the internet works and how to design computer networks for home and small businesses. The course introduced architectures, models, protocols, and networking simulations.
- **Introduction to Cybersecurity** – Students developed an understanding of cybercrime, security principles, technologies, and procedures used to defend networks.
- **Communication Skills for Business (CSB) Certification Course** – The core concepts included professional communication skills; effective verbal, nonverbal and listening skills; creating business deliverables; effectively delivering a message; receiving communications; and analyzing communication scenarios.
- **Entrepreneurship (ESB Certification)** – The course covered business concepts, financial management, how to recognize a business opportunity, and how to turn an idea into a successful small business.



"I took the entrepreneurship course... I really liked how interactive it was."

Dasan

SummerTEK 2024,
Entrepreneurship



"It was really nice to learn from actual entrepreneurs...getting to see how life in that field was for them..."

I feel like they went a step further and they taught us a lot about the depths of it...

I'm grateful to this program that they're providing this opportunity."

Amarra

SummerTEK 2024, Entrepreneurship



"All the knowledge I got from SummerTEK I can use in class and it's just wonderful."

Darian

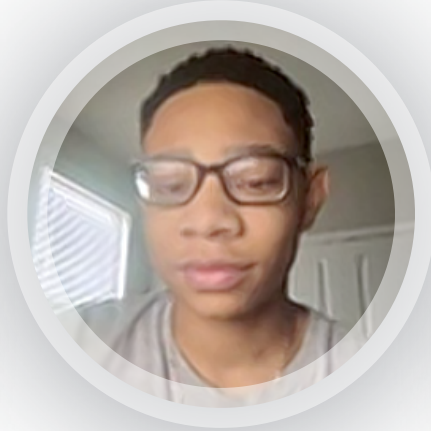
SummerTEK 2024,
Entrepreneurship



"What I liked best about the course was my professors... they had a lot of experience in the business world...from being an intern... to being a manager or teacher...I think hearing them talk about the hierarchy was really helpful."

Josie

SummerTEK,
CSB Professional
Communication
Certification Course

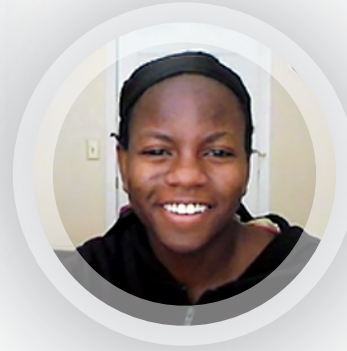


"This class taught me how to be more professional with my emails and how to respond to negativity..."

If an email has faults, how to respond to that without being negative towards that person, and give a coaching moment and a teachable moment."

Dylan

SummerTEK,
CSB Professional
Communication
Certification Course

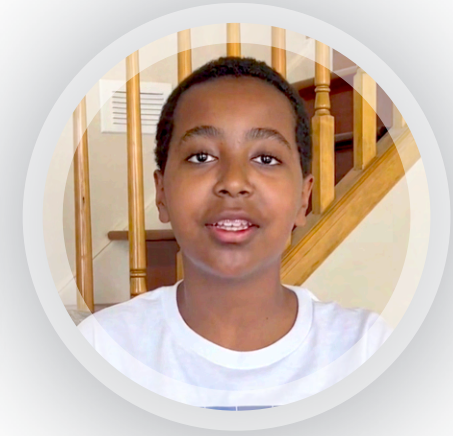


"I loved this class and would recommend it to anybody else."

Why? Because in today's world, technology is all over the place, and we need to know how to protect ourselves, and our personal information."

Mikayla

SummerTEK,
Cybersecurity



"SummerTEK is a great program... The teachers are all really interactive, making sure every student has learned something. And I can recommend SummerTEK to any student who's interested in computer science and networking."

Dagem

SummerTEK,
CCNA V7 Introduction to
Computer Networks

“ Colorado Futuretek and SparqU have been integral to my growth as a business professional. SparqU has taught me effective ways to craft and execute ideas to make them realities.

With their help, I've been able to give back to my community by starting a summer mindfulness and goal-setting program for youth at my local church. I've also had the chance to offer social and educational advice to rising freshmen regarding AP credits, fitting in, and continuing to become their best selves.

Professor Lynn and Dr. Jamal have helped me build my understanding of connections, entrepreneurship, and operating in the world as a young person starting a business career. I'm grateful to be an intern with SparqU. ”



Josie

2024 Colorado Futuretek
Intern at Sparq U

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STUDENT INTERNSHIP PROGRAM

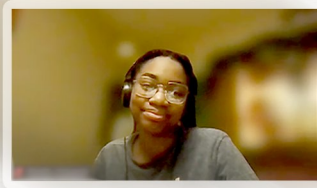
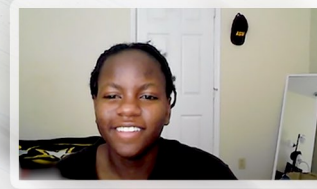
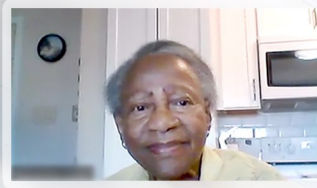
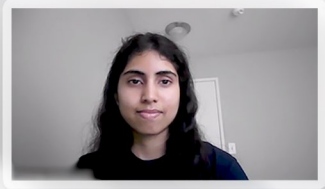
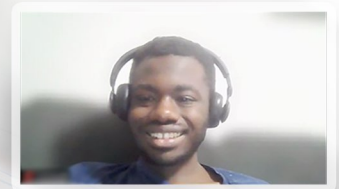
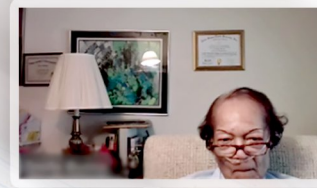
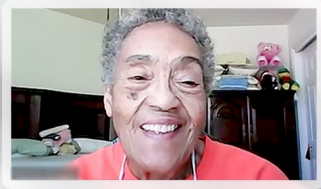
HIGH SCHOOL & COLLEGE



Real world experience that leads to expanded career possibilities.

Internships provide valuable work experience that can lead to gainful professional employment and can be the first step toward a successful career. Colorado Futuretek works to facilitate internships at large and small businesses for high school and college students who have excelled in our training programs. Within the limits of our resources, we provide the student stipends when small businesses agree to hire our interns.





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SUMMER SILVERTEKS

JUNE 10 - JULY 5, 2024 | SENIOR CITIZENS

Four weeks of M365 basics for senior citizens, guided by student tutors.

Summer SilverTeks is a 4-week, Monday through Friday course for senior citizens covering Microsoft 365 Office basics. Each senior is provided with worksheets and guidance from CFTEK student tutors. This year, seniors went through projects in Word, Excel, and Powerpoint, which helped them to transition from older versions of Microsoft Office to Microsoft 365.



Hope

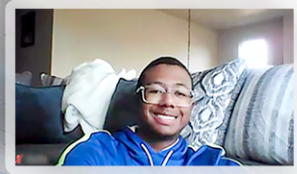
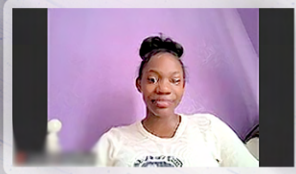
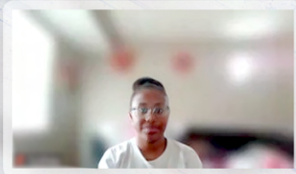
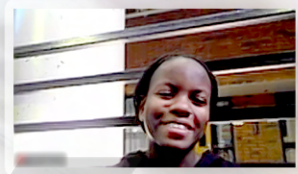
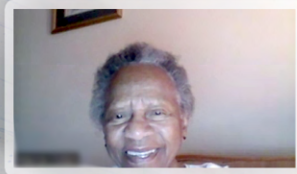
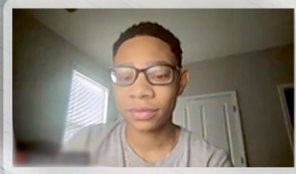
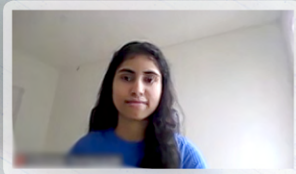
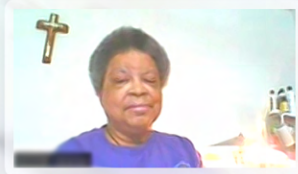
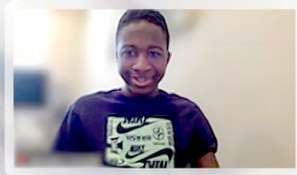
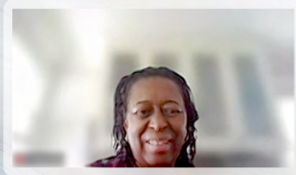
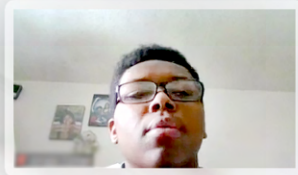
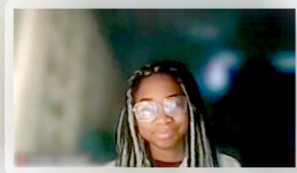
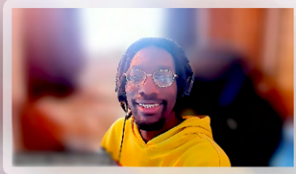
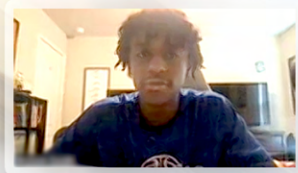
Summer SilverTeks 2024 Participant

“
In each application I’ve learned something, in Word, in Excel, and in Powerpoint... I’m really learning a lot...

Everyone that I’ve worked with has been good....

This is excellent because it works with you one on one, that’s what I like. ”





SPRING 2024 GROUP

SILVER SATURDAYS

SPRING & FALL 2024 | SENIOR CITIZENS

Monthly projects that help seniors enhance their computer skills.

Silver Saturdays is a project-based class to help senior citizens learn the basics or improve their skills using laptops or smartphones. We teach skills in Microsoft 365. In 2024, seniors learned to create many things including a personal stationary in Word, Birthday Calendar in Excel, and Christmas Video Greeting in Powerpoint. Our student tutors worked one-on-one in Zoom breakout rooms, helping seniors with each project. Seniors also received individual tutoring sessions upon request.



FALL 2024 GROUP

“ Thank you for providing accessible, flexible, and relevant instruction for computer use. I am so very grateful for the online training that has helped me to be a more useful person to my community groups. ”

Dr. Faye

Summer Silverteks, Silver Saturdays



“ I have truly learned more about Excel, which was something I had always wanted to learn more about...

This particular summer [has] given me the opportunity to work with so many more [students] and they have been absolutely great.

As we age, we need to do things that help stimulate our thinking and our brains, so it's been awesome.

So yes, I would definitely recommend it to others. ”



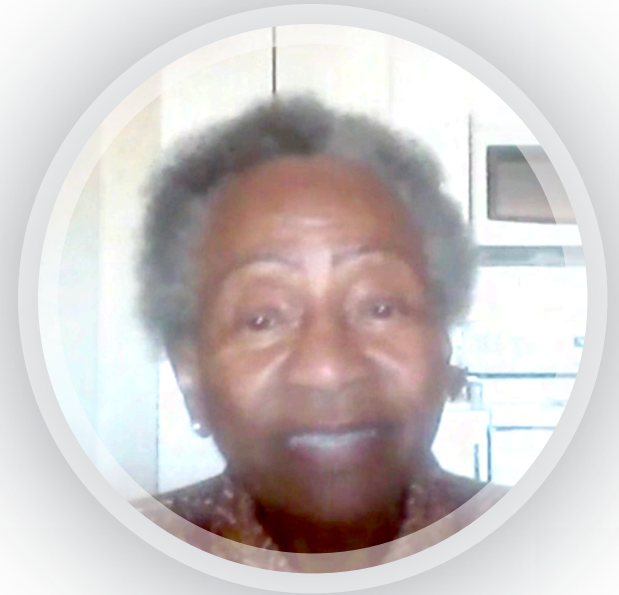
Peggy

Summer Silverteks, Silver Saturdays

“
I am so grateful to the Colorado Futuretek organization and its ever so patient [Futuretek] student tutors, who devote countless hours, patiently guiding and tutoring my generation through this technical age.”

Marcie

Summer Silverteks, Silver Saturdays



“
It was a wonderful program, a wonderful experience...the family that is established, the camaraderie that is established... is absolutely wonderful...

The instructors are all patient and kind...It's engaging. It closed the gap between me and some young people...

I love it and I want to say thank you, and thank you to all of the sponsors that make this possible.”

Claudia

Summer Silverteks, Silver Saturdays



2024 Awards Celebration

Our 2024 Awards Celebration event was held online on Saturday August 3 on Zoom. At this event, we recognized the students who participated in all our training programs, seniors citizens who completed our Microsoft 365 and project-based programs, instructors, strategic sponsors, and our corporate and community supporters.



COLORADO
FUTURETEK
2024 Awards Online Celebration

AUGUST 3 | 11:30AM - 12:30PM MDT

zoom

TRANSFORMING
LIVES
IMPACTING
COMMUNITIES

Special thanks to our Platinum and Gold Sponsors

Jonnie and Sharlene
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PAY IT FORWARD AWARD

This year, Colorado Futuretek presented a special award to Joseph Muller for his outstanding support of our programs.

Joseph Muller connected with Colorado Futuretek as a high school student in our CNET program at the Institute of Science and Technology at Overland High School in 2011. He also participated in our Student Internship program 2012-2015. In June 2019, Joseph graduated from M.I.T. with a bachelor's degree in Electrical Engineering and Computer Science and a minor in Physics. Joseph is now a software engineer and he has been an outstanding example of "paying forward". He has donated monthly since 2021 to support Colorado Futuretek youth training programs to help other young people move forward. He also volunteered as an assistant instructor in SummerTEK 2023.

“ Participating in Colorado Futuretek’s programs has been a great experience. I remember looking forward to the after-school activities while in the CNET program. We covered quite a breath of material — from bits and bytes, to how computers work and building our own networks. The network simulation exercises, in particular, were a unique and interesting way to engage with the material, making the abstract concepts a bit more hands-on. The field trips with professionals in the industry also contributed to my understanding of how tangible the skills we were learning could be. After finishing CNET, I soon learned what a real impact computer networking could have for myself, as the skills and connections I gained directly led to my first internship in the IT/tech industry. This was an opportunity I certainly would not have had otherwise, but I’m glad I did as it’s influenced me in my career path since (I’m currently a Software Engineer)! In addition to all this, Colorado Futuretek has been an invaluable community. The instructors and staff are caring, some being mentors I still keep in touch with years later. Colorado Futuretek, beyond CNET, has had a huge positive impact on my life. I’m grateful for the organization, and the staff. I’m glad to contribute back, and I look forward to see Colorado Futuretek be successful for many years more! ”



Joseph
Software Engineer

STUDENT TESTIMONIAL

Elizabeth is a former SummerTEK student, who also worked as a Summer SilverTeks and Silver Saturday tutor for senior citizens for several years. She graduated from University of Colorado at Boulder with her bachelor's degree in Computer Science, and is now pursuing her PhD in Computer Science at UCLA, focusing on the intersection of AI and Healthcare.

“ I definitely can attribute a lot of where I've been able to get to currently in my career... to Colorado Futuretek, because I know for a fact that if I didn't get involved in Futuretek I don't know if I would have found out about computer science and the different opportunities in the field of computing.

I'm definitely very grateful and thankful for the experiences I've had over the years.

The experience that you gain from an organization like Colorado Futuretek... it definitely has [an] immense impact on you in the future, and is a great organization to be associated with. ”



Elizabeth
PhD Student at UCLA

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Director, BootUp Camps and Founder, SparqU.

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Dr. Jamal K Bowen

President & Founder of Empowering Community
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David Fontenot

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Ron Fontenot Sr., Co-Founder

Certified Cisco Networking Academy Instructor
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Technologies/Avaya

Patricia Fontenot, Program Administrator

Former Librarian, Denver Public Library

Lynn Jackson

Retired Teacher, Denver Public Schools

Dianne Lewis, SummerTEK 2024 Director

Retired Teacher, Denver Public Schools

Lucious Shellman Jr.

Certified Cisco Networking Academy Instructor
Retired Software Engineer, Raytheon Co.
Lead Computer Networking Instructor for Colorado
Futuretek

Jhia Turner

Software Engineer, Meridian Performance Systems Inc.
Co-Founder, Mahogany and Mango LLC

Professor Lynn Wilson

Affiliate Professor, University of Denver
Director, BootUp Camps and Founder, SparqU

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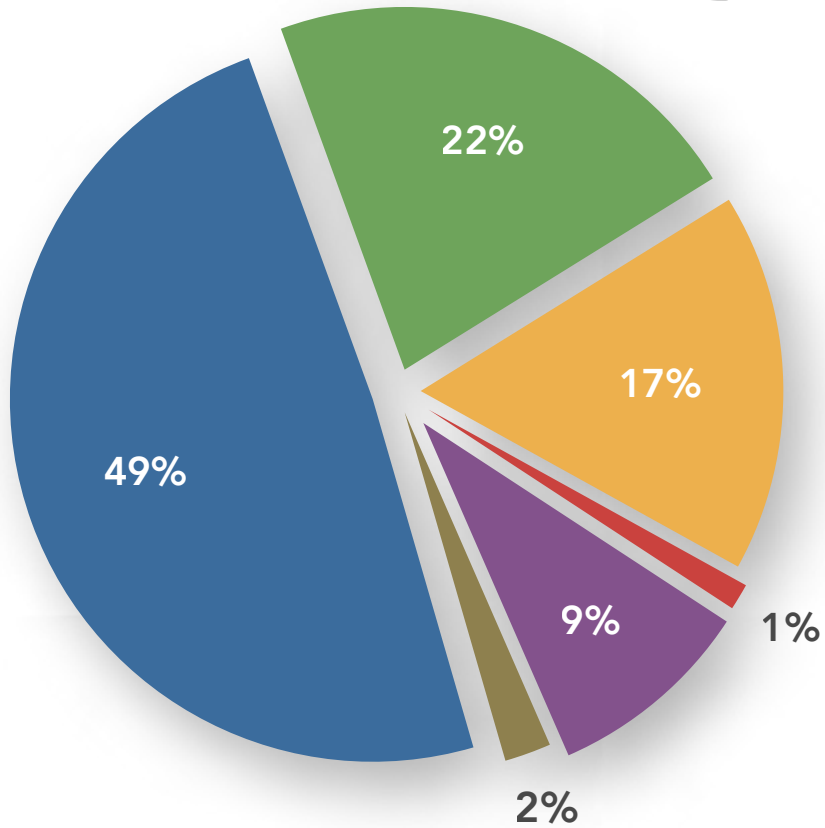
Jonnie and Sharlene
Thomas Fund

Dr. Maude
Brown Lofton

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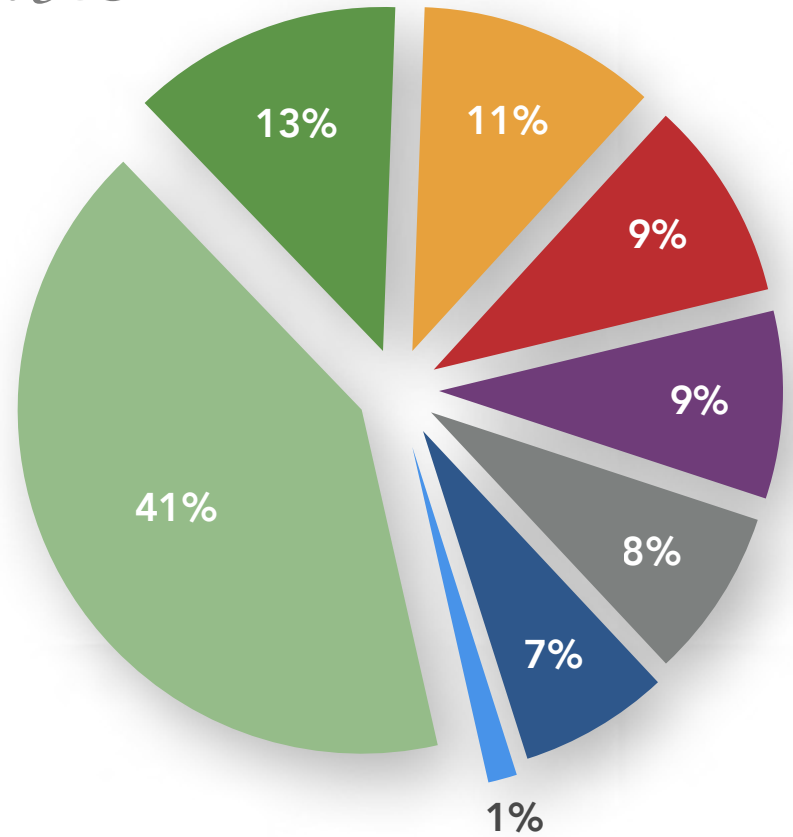
Strategic Sponsors enable us to make large strides in developing valuable training programs for our youth and senior citizens.

Financials



2024 Revenue Sources

- Foundations
- Individuals
- Funds released from Net Assets
- Corporations
- Government Grants
- Other Revenue



2024 Expense Breakdown

- SummerTEK
- Student Stipends and Awards
- Fundraising/Publicity Expense
- Summer SilverTeks
- STEAM!
- General and Administrative Expense
- Silver Saturdays
- Student Internship Program

2024 STATEMENT OF FINANCIAL POSITION

Assets	
Cash/equivalents - unrestricted	\$ 23,594
Total Assets	\$ 23,594

Liabilities	
Total Liabilities	0

Net Assets	
Total Net Assets	\$ 23,594

Total Liabilities & Net Assets	\$ 23,594
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Net Assets beginning of year	\$ 47,400
Net Assets end of year	\$ 23,594
Change in Net Assets	\$ (23,806)

2024 STATEMENT OF ACTIVITIES

Revenue	
Foundations	\$69,000
Corporations	\$ 1,660
Individuals	\$30,602
Government Grants	\$13,000
Other Revenue	\$ 2,925
Funds released from Net Assets	\$23,806
Total Revenue	\$140,993

Expenses	
General and Administrative Expense	\$11,240
Fundraising/Publicity Expense	\$15,810
Summer SilverTeks	\$13,334
SummerTEK	\$58,323
STEAM!	\$12,433
Silver Saturdays	\$ 9,950
Student Stipends and Awards	\$17,985
Student Internship Program	\$ 1,918
Total Expenses	\$140,993



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