



2016 **Annual Report**

“ The skills I gained through the IT Foundations class helped me to get this job and will continue to be a great asset as I continue further into the field of IT. ”

-Joshua Mitchell





7k

Job openings
requiring
coding in TN.



200k

Jobs added in
the tech sector
last year.



91%

Of employers
prefer tech
certifications.



53k

Median IT
income in
Memphis, TN.



35%

Tech growth in
Memphis since
2012.



#1

Memphis is
ranked #1 in
STEM diversity.

About US

POWERING MEMPHIS TECHNOLOGY

Tech901 is a nonprofit organization building the Memphis technology job base by training new tech workers ready to take on the diverse challenges of the IT industry and provide growth resources for our local employers. Scholarships are awarded to those students new to tech who meet the entrance requirements.

Academy Collaborators



Work & Vision

At Tech901, students learn computing foundations to provide them with the skills necessary to receive an industry-recognized certification, which can help jumpstart their careers and allow them to obtain technology jobs.

Course participants must pass an online grade level assessment. The class is open to anyone in Memphis who is interested in an information technology career.

Participating students have the ability to earn a stipend based on class effort and performance.

As Memphis evolves into an urban education epicenter for ideas and innovation, it is stepping into the tech realm too. In fact it is merging the two and pioneering a movement to involve students in technology.

“I think the diversity of the Tech901 community, the ability to network and to connect with Memphis is invaluable.”

Jonathan Hampton



IT Hardware Technician program one of Tech901's training programs offered at the Juice Plus Technical Training Center for the Boys & Girls Club of Greater Memphis.

“We’d love to have mentors and professional contacts,” Montague said about how the community can get involved in the effort. “There is a lot of good going on in Memphis. At times we can be known for focusing on the negative, but as we share our thoughts and views with tech companies across the country, it’s important to show what we’re doing here to grow the job base. It’s critical for Memphis.”



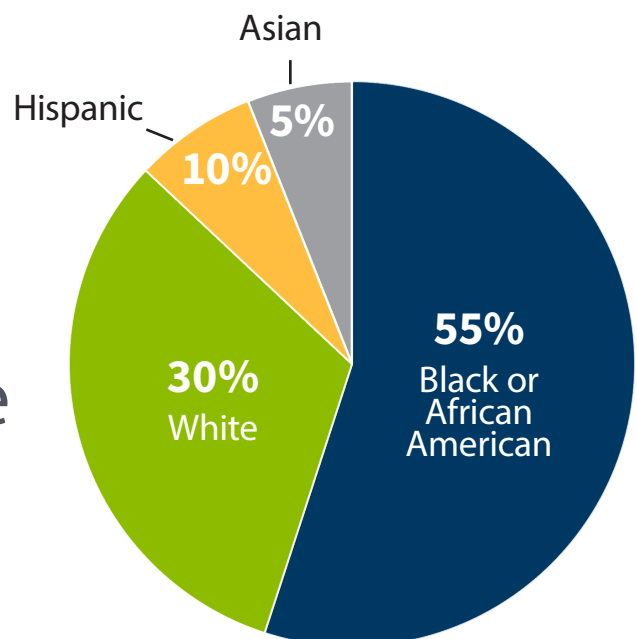
Students of our pilot Hardware Technician class hosted at the Boys & Girls Club of Greater Memphis 2016.

APPLICANTS



Incoming
Annual Salary
\$18k

Race



Program Areas

IT Hardware Technician Track



- Identifying and explaining computer components
- Setting up a workstation, including conducting software installations
- Establishing network connectivity
- Identifying compatibility issues and preventing security risks
- Managing the safety and preventative maintenance of computers
- OSHA-compliant forklift operations training
- Firsthand computer hardware instruction

Information Technology Operations Track



- Assemble components based on customer requirements
- Install, configure and maintain devices, PCs and software for end users
- Understand the basics of networking and security, including forensics
- Apply troubleshooting skills to diagnose, resolve and document common hardware and software issues
- Provide appropriate customer support
- Understand the basics of virtualization, desktop imaging and deployment

Computer Science & Coding Track



- A broad and robust understanding of computer science and programming with Harvard CS50
- How to think algorithmically and solve programming problems efficiently
- Concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development
- Coding experience through a number of languages, including C, PHP, and JavaScript plus SQL, CSS, and HTML



**2016
STATS**

347

APPLICANTS

51

CERTIFICATIONS

166

STUDENTS

10,000 tech jobs by 2025

Co-founders Robert Montague, Executive Director, and Steve Denegri, COO, were technology investment analyst partners for Morgan Keegan & Co. Montague was also the founding and 11-year Executive Director of the Binghampton Development Corporation, a faith-based urban community development corporation. Denegri served as a strategic consultant to local corporations and other high-tech startup companies and is a co-founder of Lumen Civitatis, a nonprofit whose mission is to promote and support Catholic culture, education, and leadership in Memphis.

“We want Memphians to see ourselves as a technology city, and in so doing, we hope to attract new business here,” says Steve Denegri, “We are hoping that by building talent and building a future, and building aspirations toward technology that reality can happen.”

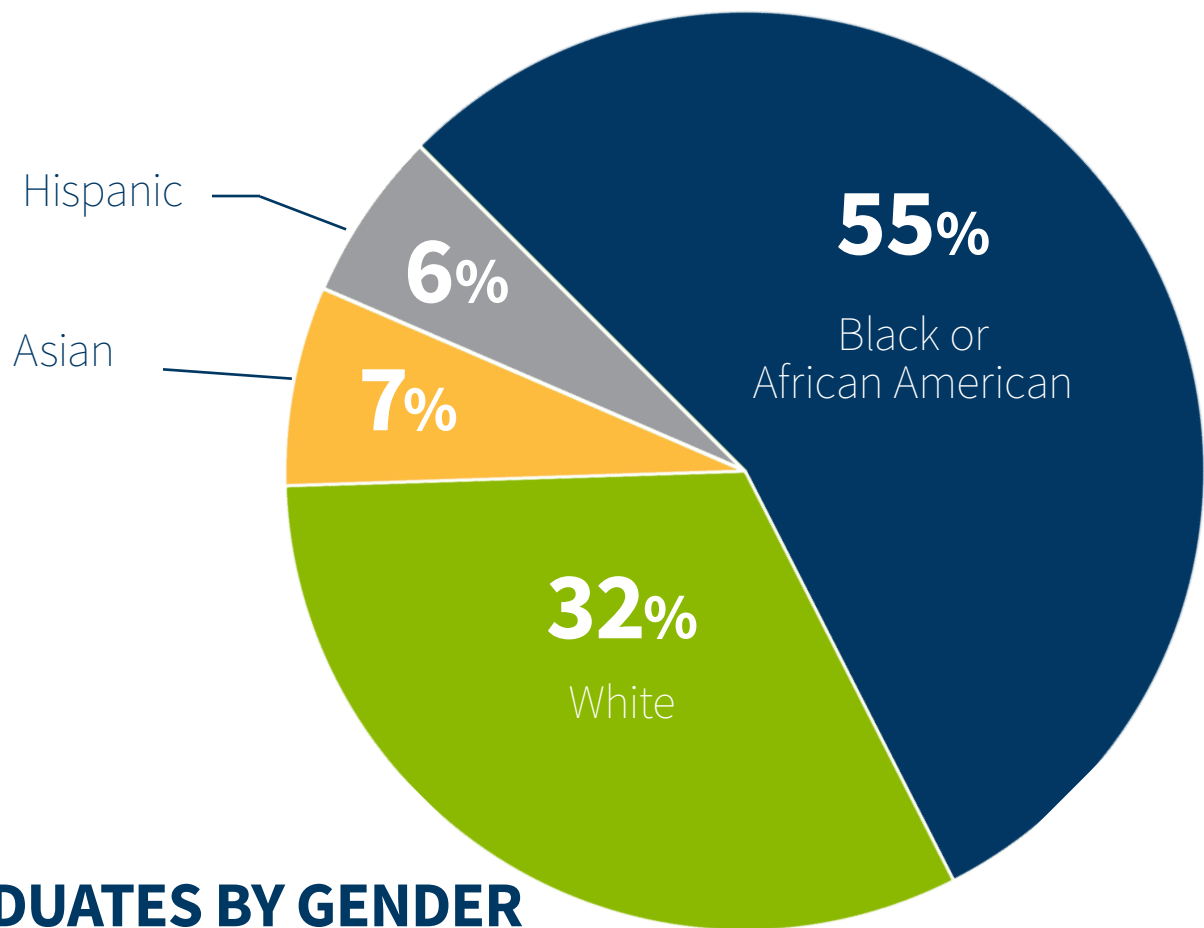
Tech901 will offer a portfolio of tech career training options ranging from system installation and tech support to software development and quality assurance. Tech901 believes it can accelerate the growth in Memphis’ tech job base, connect Memphians with best-fit tech careers, and position candidates for future opportunities and long-term employment.

Each of these job training options offer significant career opportunities for college or high school educated adults, and provides with a critical supply of trained workers to support current or future Memphis employment requirements. Longer term, software and information technology will continue increase its influence in all sectors of our society.

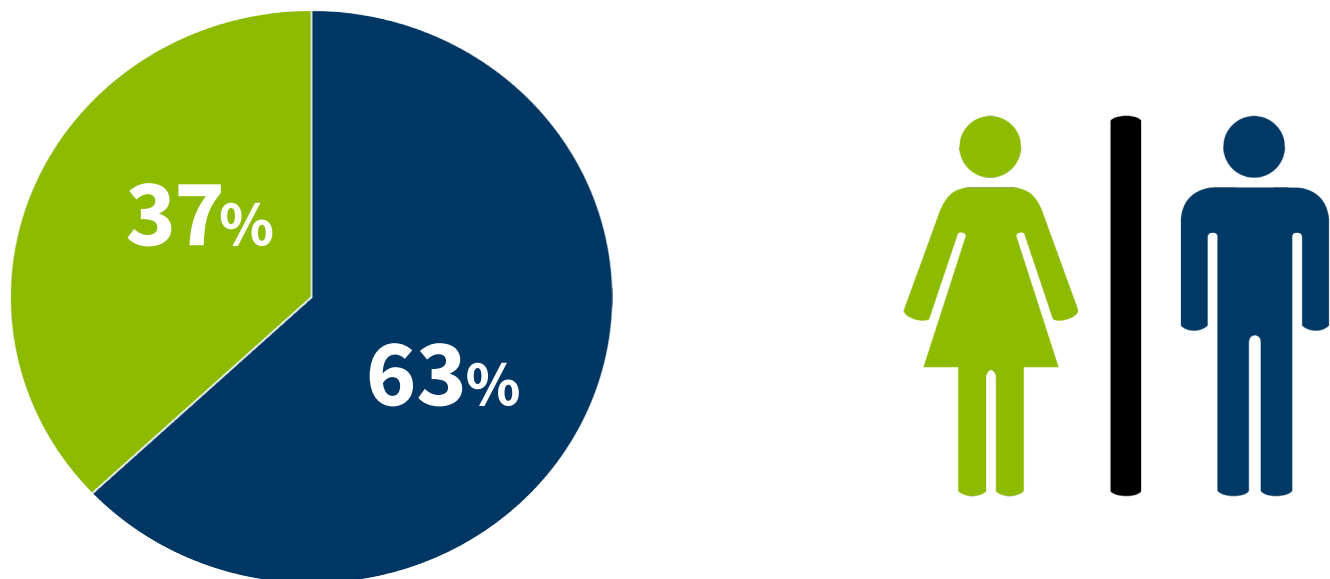
“We want to build a case with employers that are not here yet that this is a place to come, with low cost of living and quality training,” says Robert, “I hope we become very impactful in building a new Memphis economy with technology as part of it, and really addressing some of the core needs we have in employment,” he says. “The success path to get there is going to have to go through an education/job training route; in a large way, success will be supply driven and our ability to recruit people into these types of careers, and to connect them or provide them with very good job training.”

Benefits From Diversity

GRADUATES BY RACE



GRADUATES BY GENDER



Program Partners



Memphis-based Cook Systems International provides software developers for enterprise-class applications. Cook Systems operates an internal FastTrack, JAVA, and software test training program free of charge to select students and provides job offers and ongoing support available to successful graduates.

Tech901 will assist Cook Systems in recruiting Memphians into their training programs and also in developing new professional services for added Memphis placements.



Code 1.0 program to train entry-level software

developers. "This is a great opportunity to help build the IT talent pipeline in Memphis and prepare people to meet the critical tech needs of local businesses," said Jamie Smith, ServiceMaster chief information officer. "Programs like this help individuals hone their skills, gain real-world experience and position themselves to succeed in the jobs that are most in demand. At the same time, this program helps to position Memphis – and technology – focused companies like ServiceMaster – as a career destination for those interested in technology.



The University of Memphis, Fogelman College - Department of Business Information and Technology (BIT) has approved the Tech901 IT Foundations Course as a recognized program in which participating University of Memphis students can

earn College Credit Hours under the MIS 2900- Field Experience .

The BIT is the only business college in the Memphis area that is fully accredited by the prestigious AACSB, The Association to Advance Collegiate Schools of Business.



BOYS & GIRLS CLUB

Tech901 and the Boys & Girls Club of Greater Memphis are collaborating together to offer a new Computer Hardware Technician Program for young adults and High School graduates. This 10 week program will use the CompTIA Fundamentals+ computer hardware and software curriculum, work skills and hands-on training that is desired by Memphis

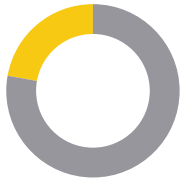
employers in the computer manufacturing, repair, support and recycling industries.



**Tyler Whitney
ER2: Electronic
Responsible
Recyclers**

"We hope to hire a lot of employees from Tech901. The tech scene in Memphis is a little underdeveloped compared to most cities and I'm hoping Tech901 will really grow the competency of a lot of people and provide a lot of jobs."

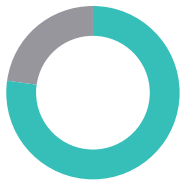
ENTRANCE BENCHMARK



35%

Student IT Skills assessment
knowledge on entrance of
Tech901 programs

EXIT BENCHMARK



75%

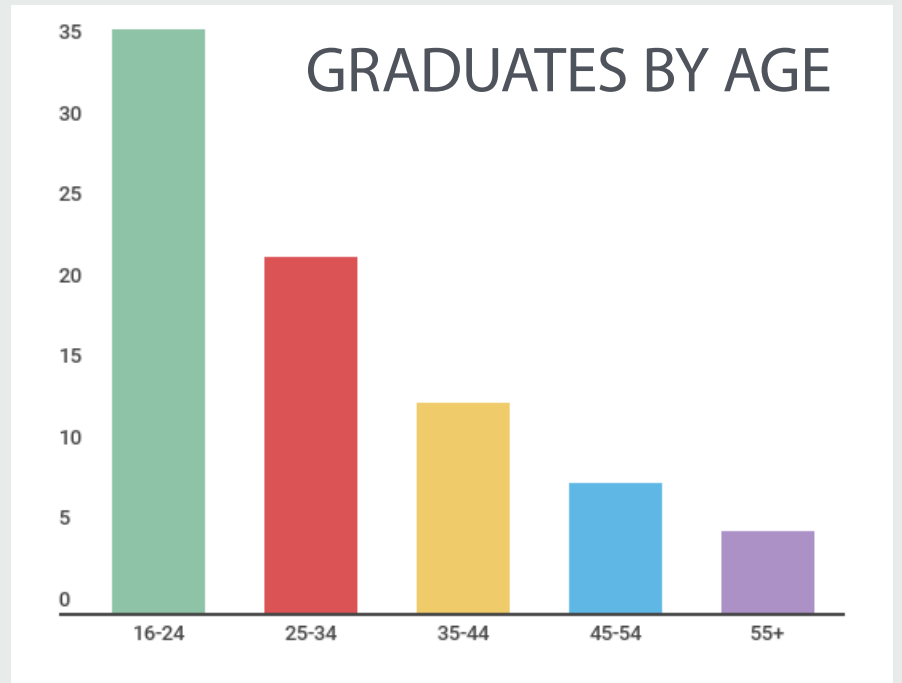
Student IT Skills assessment
knowledge on completion of
Tech901 programs.

PASS RATE



75%

Students who opt and take the
IT Certification test pass rate.



“Technology is a universe filled with creativity, uniqueness, complexity and innovative development. I joined this program because technology has a large influence on the world, but sadly has a limit on [competent] workers. I’m up to conquer the challenge and change the statistics.”

-Micah Gamble

Why Memphis?

“Great News!!!! HR recently called & offered me a promotion!!!! I got the job that I applied for in December because I got the A+ certification from Tech901!!!! Thank you all so much for providing the opportunity for me to get the certification!!!! ”

- NaTrika Hale



Code

Computer programming jobs are in-demand for good reason. Through coding and computer science training, Tech901 is bringing the skills to the front lines of the future.

IT Fellow

The Tech901 Fellow program showcases a well rounded IT background with proficiency in the most sought after fields of technology. Dedication and skill will go hand-in-hand with certification.

Memphis

Bringing skilled IT workers to the Memphis economy will prevent tech job outsourcing for local companies. Urban insourcing will not only cushion the existing tech job sector, but also encourage companies to consider the move to the Mid-South.





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