# TECHHIRE PITTSBURGH

## Academy PGH

AcademyPGH is a program created by Work Hard Pittsburgh, a cooperatively owned business incubator that provides training, sales support, and capital among other resources with a focus on community improvement. AcademyPGH was created to meet the growing demand for tech professionals in Pittsburgh. The program aims to help participants develop strong coding skills while also encouraging entrepreneurship and community engagement. The application process includes a logic test and interview

12 WKS.          WEBPAGE LINK

## Academy Pittsburgh – Beta Builders

Beta Builders aims to train high school students interested in the STEM field in web development and coding. The goal of the program is to get young students excited about the tech field. The program is taught by young software engineers and teachers. There is a strong focus on project-based learning and team projects.

6 MONTHS          WEBPAGE LINK

## All Star Code – Pittsburgh

All Star Code aims to increase Black and Latino leaders in the tech industry. The program focuses on developing coding skills in high school males through an intensive 6-week summer program. Students participate in practical experiences at tech companies and work on team-based projects. Throughout the program, students are encouraged to develop leadership skills and an entrepreneurial mindset. The program is open to male high-school students

6 WEEKS          WEBPAGE LINK

## Black Tech Nation

Black Tech Nation was founded by Kelauni Cook after she recognized a lack of women and minorities in the tech field. This Pittsburgh nonprofit focuses on community, partnerships with companies, and affecting policy. The organization has built relationships with the City of Pittsburgh, community leaders, and corporations to provide resources for both youth and adults who are seeking to benefit from the tech industry. Black Tech Nation also has a strong focus on educating minority groups about the benefits of the tech field.

SELF-PACED          WEBPAGE LINK

IN-PERSON     ONLINE     DURATION     COST     FREE     DEVELOP CODING SKILLS     NETWORKING

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## CCAC Ed2Go

The Community College of Allegheny County has partnered with Ed2Go to provide interactive, online programs that allow students flexibility in learning tech skills. Programs were developed with the help of industry professionals who understand the skills necessary to succeed in the tech industry. Instructors are available online to provide learning support and guide students in their skill development.

6 WEEKS     WEBPAGE LINK

## CCAC Micro-credential Program

The micro-credential program helps students develop skills that put them on a career pathway in an in-demand tech field. Micro-credentials allow students to develop a focused credential that develops a specific skillset. These micro-credential programs can be stacked to allow students attain a more comprehensive credential and knowledge of their field. Students can participate in the IT track, learning the skills necessary to pass the A+, Network+, and security certifications, or a healthcare IT track.

6 WEEKS – 6 MONTHS     WEBPAGE LINK

## CCAC Pathway to a Technology Career

The Pathway to a Technology Career program prepares students for careers in high job growth tech fields such as IT support, cybersecurity, and careers in CAD. The program aims to consolidate the amount of time that training requires while also providing CCAC career development resources. Qualified students receive a stipend and monthly bus pass. Students interested in the program must be a full-time CCAC student.

2-3 SEMESTERS     WEBPAGE LINK

## Mindteck Academy

Mindteck Academy is a coding boot camp organized by Mindteck, a global technology company that provides product engineering and IT services. Mindteck Academy's approach to developing tech professionals is comprehensive. Participants gain skills in multiple programming languages and business analytics. In addition, the program aims to produce graduates with strong soft skills and an understanding of business etiquette. Applicants are encouraged to have prior coding experience and must take an online test and conduct an interview.

14 WEEKS     WEBPAGE LINK

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## Moms Can: Code

Moms Can: Code is a Pittsburgh-based nonprofit that aims to connect mothers with technology-related resources. A local community of mothers interested in learning about the STEM field provides support and inspiration to others who want to stay connected with the rapidly evolving tech field.

SELF-PACED · WEBPAGE LINK

## Nanodegree Developer Program with Google

Grow with Google is a national campaign that aims to make tech resources and skills more attainable for individuals, organizations, and communities. Google is working with community partners and companies across the country to help provide professional and technical training to students, teachers, businesses, and job seekers. Udacity has partnered with Google to provide two online courses that teach students about web and android development. Applicants must be U.S. residents and at least 18 years of age.

3 MONTHS · WEBPAGE LINK

## Professional Certificate in IT Support

Developed by engineers at Google, this curriculum is delivered online and in person at Auberle and PHASE 4 Learning Center. Eligible young adults (16-24) receive training ranging from computer basics to networking and troubleshooting to cybersecurity. Participants receive a stipend, support, and a computer. Applicants should have some computer literacy, be dedicated to finishing the program, and want to find a job in IT.

~9 MONTHS · WEBPAGE LINK

## Assemble PGH

Assemble works to develop STEAM skills for students of all ages. There is a strong focus on hands-on learning through classes and workshops in community spaces. Programs are taught by local teachers who are experts in their fields.

Afterschool STEAM programs: http://assemblepgh.org/assemble-after-school/

Learning Parties: http://assemblepgh.org/learning-parties/

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## Carnegie Library of Pittsburgh

The Carnegie Library of Pittsburgh offers STEM programs for young children to introduce them to the STEM field. Programs are exploratory and interactive to engage students while also teaching them basic scientific concepts.

Upcoming events: https://www.carnegielibrary.org/events/?tribe-bar-category=All+Categories&tribe-bar-location=All+Locations&tribe-bar-age-group=38&=&tribe-bar-date=&tribe-bar-date-day=&=&tribe-bar-date-to=&tribe-bar-search=STEM&submit-bar=Find+Events

## Carnegie Library of Pittsburgh

CLP offers computer basics classes throughout the year that are free of cost. Classes are focused on teaching users how to navigate Microsoft Windows. This includes file management and internet usage.

Program Schedule: https://www.carnegielibrary.org/event/computer-basics-3-16/

## CMU Open Learning Initiative

CMU's open learning initiative is an online resource that provides free courses on numerous subjects including many tech-related subjects. Courses are free and allow for individuals to learn at their own pace.

Available Courses: http://oli.cmu.edu/learn-with-oli/see-all-oli-courses/

## Fab Lab Carnegie Science Center

The Carnegie Science Center describes their Fab Lab as *"a digital fabrication laboratory for innovation and invention. It's a workshop for learning and innovation: a place to play, create, learn, mentor, invent."* The lab also provides free workshops that teach people about a number of tech fields.

Available resources: http://www.carnegiesciencecenter.org/programs/fablab/

## Goodwill of SWPA

Goodwill of Southwestern Pennsylvania provides basic computer skills classes free of charge for beginner computer users. Students learn how to use the internet, email, and Microsoft Office skills.

Program Information – Computer Basics:
https://www.goodwillswpa.org/basic-computer-skills-classes

Program Information - Computer Workshops:
https://www.goodwillswpa.org/ComputerClass

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## Greater Pittsburgh Literacy Council

GPLC aims to help increase literacy and provide adult basic education in the Pittsburgh region. This includes a number of computer training classes that teach students about Microsoft Office, computer basic skills, and internet usage.

Program Description: https://www.gplc.org/our-programs.cfm

## New Horizons Pittsburgh

New Horizons Pittsburgh provides free online webinars for individuals and organizations related to IT training, information security, graphics and design, business skills, and office productivity.

Webinar archive: http://www.newhorizons.com/resources/webinars/webinar-archives?_ga=2.47740519.1119774982.1510917928-1919200410.1510917928

## Northland Public Library

Northland Public Library provides a host of computer training programs including basic and advanced training in Powerpoint, Excel, Word, and general internet use practices. In addition, the library provides technology resources such as rentable Wi-Fi hotspots.

Program Schedule: https://www.northlandlibrary.org/computer-center/computer-class-schedule/

## Remake Learning

Remake Learning describes itself as *"a network that ignites engaging, relevant, and equitable learning practices in support of young people navigating rapid social and technological change"*. The organization provides a comprehensive calendar that includes events ranging from professional development to conferences related to technology.

Calendar of Events: https://remakelearning.org/calendar/

Network Members/Programs: https://remakelearning.org/members/?fwp_member_type=project

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