FREE HIGH SCHOOL-AGE TECH SKILLS EDUCATION & EXPLORATION PROGRAMS

ChickTech Seattle <u>www.seattle.chicktech.org/high-school</u> - Non-profit created to show high school girls that Tech can be fun and exciting

Age: 9th-12th grade girls

Length & Frequency: 1 year, occasional weekend workshops

Cost: Free (eligibility and selection requirements)

DigiPen Video Game Programming @ Puget Sound Skills Center (Burien)

https://pssc.highlineschools.org/programs/digipen-video-game-programming-ap - juniors & seniors earn high school credits and learn computer programming, as well as the mathematics, art, and design elements essential to modern video game production

Age: 10th-11th graders

Length & Frequency: 2 semesters - registration now open for 2021-2022 school year

Cost: Free (Algebra 2 prerequisite)

Digital Skills for All www.digitalskillsforall.org - Non-profit initiative offering multiple programs to provide underserved youth ages 16-24 with the computer science skills they need to succeed in entrylevel technology job opportunities

Age: 16-24 year olds

Length & Frequency: 12-18 months, depending on program

Cost: Free (eligibility and selection requirements)

Girls Who Code Summer Immersion https://girlswhocode.com/programs/summer-immersion-program - Non-profit introductory computer science program for 10th-11th grade girls going into their junior or senior year of high school

Age: 10th-11th grade girls

Length & Frequency: 7 weeks, M-F

Cost: Free (eligibility and selection requirements)

> STEM Paths Innovation Network (SPIN) Girls http://www.stempaths.org/spin-girls – Non-profit STEM-inclusion, leadership, and mentoring program for girls of color

Age: 8th & 9th grade girls of color

Length & Frequency: 3-year program meets 1 Saturday per month (Sept-June) for 3-4 hours

Cost: Free (eligibility and selection requirements)

➤ Young Women Empowered Y-WE Tech https://youngwomenempowered.org/our-programs/tech
Non-profit program for young women ages 13–18 to explore ways to use technology tools for learning, career success, self-expression, social change and the history of women in technology

Age: 13-18 year olds

Length & Frequency: Oct-May program meets 2 evenings per month for 3 hours

Cost: Free (eligibility and selection requirements)

FREE HIGH SCHOOL-AGE TECH EDUCATION (ONLINE)

- Codeacademy <u>www.codeacademy.com</u> Online interactive platform that offers free coding classes in 12 different programming languages
- Code.org <u>www.code.org</u> Non-profit dedicated to expanding access to computer science, and increasing participation by women and underrepresented minorities
- **Khan Academy** <u>www.khanacademy.org</u> Non-profit that offers free online courses in many subject areas, including computers, science, engineering, and math.

FREE or AFFORDABLE ADULT & YOUNG ADULT TECH JOBS/SKILLS TRAINING PROGRAMS

Ada Developers Academy <u>www.adadevelopersacademy.org</u> – Non-profit coding bootcamp offering women and gender diverse people training in Software/Web/Mobile App Development

Age: 18+

Length & Frequency: 11 months (6 month class/5 month internship), Full-time M-F

Cost: Free (eligibility and selection requirements)

Apprenti <u>www.apprenticareers.org</u> - Non-profit offers diverse, underrepresented populations training & apprenticeships in: Web/Software Development; Network Security; Windows or Linux Systems Administration; IT Tech Support or Cloud Tech Support

Age: 18+

Length & Frequency: 10 months (4 month class/6 month paid apprenticeship), Full-time M-F

Cost: Free (eligibility and selection requirements)

Generation USA Training Accelerator https://usa.generation.org/prospective-students/training-accelerator-programs/ – In partnership with South Seattle College, offering residents in King County job training in two tech career pathways: IT Help Desk Technician and Junior Web Developer.

Age: 18+

Length & Frequency: 10-12 weeks months, Full-time M-F

Cost: Free (eligibility and selection requirements)

Kal Academy <u>www.kalacademy.org</u> - Non-Profit coding academy offering women and underrepresented minorities Intro to Coding and bootcamp training in software development Age: 18+

"Intro to Coding" Length & Frequency: 12 weeks, one 60-minute class per week on Sat or Sun "Bootcamps" Length & Frequency: 16 weeks, 2 all-day classes per week on Sat and Sun Cost: Bootcamps = \$2500 (\$3750 w/corporate internship); Intro to Coding = \$420 (some scholarships available for low-income individuals)

Skillspire <u>www.skillspire.net</u> – Offers bootcamp training in Full Stack Web Development and Data Analysis and is focused on tech education/training for historically underrepresented groups Age: 18+

Length & Frequency: 16 weeks, 2 three-hour classes per week on weeknights and weekends **Cost:** \$2000-\$2500 (some scholarships available for low-income individuals)

Urban League of Metropolitan Seattle InfoTech program http://urbanleague.org/info-tech/
Non-profit offers long-term unemployed adults job training to become certified in Cloud Computing via the Amazon Web Services (AWS) platform

Age: 18+

Length & Frequency: 6 weeks, Full-Time M-F **Cost:** Free (eligibility and selection requirements)

Year Up Puget Sound www.yearup.org/students/become-a-student - Non-profit offering low-income, young adults job training & internships in three different tech career pathways: Software Development & Testing/QA; IT/Network Support; and Business Operations & Project Management Support.

Location(s): Belltown, Seattle Central College, and South Seattle College

Age: 18-24 years old

Length & Frequency: 12 months (6 month class & 6 month internship), Full-Time M-F

Cost: Free (eligibility and selection requirements)

COMMUNITY & TECHNICAL COLLEGE TECH JOBS TRAINING

Costs depend on program - Reduced or free tuition available for qualified low-income individuals

- Bellevue College Institute for Business & Information Technology www.bellevuecollege.edu/ibit Offers many different Tech-focused trainings, AAS, BAS, and certificate programs, including:
 - Digital Media Arts
 - Information Systems
 - Network Services & Computing Systems
 - · BAS in Data Analytics, Digital Marketing, and Information Systems
- Green River College Information Technology programs www.greenriver.edu/it
 - AAS in Information Technology Systems and Security
 - BAS in Network Administration and Security
 - BAS in Software Development
- Highline College Computer Science programs https://cis.highline.edu
 - BAS in Cybersecurity & Forensics
 - · Certificates & AAS in the following:
 - Web Developer
 - Digital Forensics and Investigation
 - Network Security Engineer
 - Online Media Marketing and Social Media Architect
- North Seattle College IT programs https://resources.northseattle.edu/information-technology
 - Certificates & AAS in many different IT programs
 - BAS in Application Development
- Renton Technical College IT programs www.rtc.edu/information-technology
 - Certificate & AAS in Computer Network Technology
 - Certificate & AAS in Computer Science
 - BAS in Application Development and Computer Network Architecture
- Seattle Central College IT programs https://it.seattlecentral.edu/
 - Certificate in Database Administration & Development
 - Certificate & AAS in Network Design & Admin
 - Certificate & AAS in Programming
 - Certificate & AAS in Web Design
 - Certificate & AAS in Web Development
 - BAS in Information Technology Networking
- South Seattle College/Year Up Business Operations & Project Management Support Program https://southseattle.edu/programs/business-operations-project-management-support

SOME OTHER TECH JOBS/SKILLS TRAINING PROGRAMS (not free)

- Academy of Interactive Entertainment (AIE) https://aie.edu/about-aie/overview/ Gaming & Digital Arts Developer school (Seattle Center)
- ➤ Code Fellows <u>www.codefellows.com</u> Coding Bootcamp (Belltown)
- > Coding Dojo www.codingdojo.com/seattle Coding Bootcamp (Bellevue)
- DigiPen Institute of Technology <u>www.digipen.edu</u> Gaming & Digital Arts Developer school (Redmond)
- Epicodus www.epicodus.com/seattle/ Coding Bootcamp (Downtown Seattle)
- > Galvanize <u>www.galvanize.com/seattle</u> Coding & CS Bootcamps (Pioneer Square)
- General Assembly https://generalassemb.ly/locations/seattle Coding & CS Bootcamps (Seattle)
- Level/Northeastern https://www.leveledu.com/seattle/ Coding & CS Bootcamps (Seattle)
- Metis <u>www.thisismetis.com/locations/seattle</u> Coding Bootcamp (Pioneer Square)
- UW Coding Bootcamp https://bootcamp.uw.edu/ (UW main campus)