

WHY CONSIDER A COMPUTING CAREER?

Lots of jobs, high pay, interesting work.

For more info, pick up pathway cards from your counselor or download them at www.ncwit.org/c4c

INTERSECTING PATHWAYS TO A COMPUTING CAREER

MILITARY

DURING HIGH SCHOOL

1. Take math, technology, and computer science
2. Look for extracurricular technology opportunities
3. Learn about IT assignments in different military branches
4. Choose a branch and meet enlistment reqs

UNIVERSITY

DURING HIGH SCHOOL

1. Take math, technology, and computer science
2. Look for extracurricular technology opportunities
3. Do research: meet with advisors at colleges and universities
4. Apply to colleges with programs that suit your interests

COMMUNITY COLLEGE

DURING HIGH SCHOOL

1. Take math, technology, and computer science
2. Look for extracurricular technology opportunities
3. Meet with advisors at 2-year colleges
4. Ask about technology certification and degree programs
5. Apply for admission to community college

ENLIST AND COMPLETE

- Ask the recruiter to assess your chances of training for IT assignments
- Take the ASVAB aptitude exam
- Specify an IT assignment

ENROLL AND COMPLETE

- Develop a program plan with an academic advisor
- Look for internships
- Talk with academic advisor about career opportunities

COMPLETE 2-YEAR DEGREE WITH TRANSFER PLAN

- Learn which courses apply to a 4-year degree and develop a plan with advisor
- Look for internships
- Talk with academic advisor about career opportunities

COMPLETE 2-YEAR DEGREE

- Develop a program plan with an academic advisor
- Look for internships
- Talk with academic advisor about career opportunities

SAMPLE CIVILIAN JOBS*

Computer Assistant (cybersecurity)
\$40,082 - \$60,703 / Year
One year relevant experience

Computer Engineer
\$71,099 - \$152,771 / Year
Bachelor's degree

Cryptologic Linguist
\$39,216 - \$48,875 / Year
Bachelor's degree

SAMPLE 4-YEAR DEGREE JOBS*

Computer Network Architects
\$120,520 / Year
Bachelor's degree

Database Administrator and Architect
\$101,000 / Year
Bachelor's degree

Information Security Analysts
\$102,600 / Year
Bachelor's degree

GET ADVANCED DEGREE*

Computer and Information Research Scientists
\$131,490 / Year
Master's degree

SAMPLE 2-YEAR DEGREE JOBS*

IT Support Specialist
\$55,060 / Year

Technical Writer
\$58,631 / Year

Network Administrator
\$71,698 / Year

Systems Administrator
\$75,919 / Year

*2020 Median Annual Salary