# 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

# ENLIST AND COMPLETE

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

# **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

> **Database Administrator** and Architect \$101,000 / Year

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

# 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

# **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

#### **COMPLETE 2-YEAR DEGREE**

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

## **SAMPLE 4-YEAR DEGREE JOBS\***

**Computer Network Architects** 

\$120,520 / Year Bachelor's degree

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

\*2020 Median Annual Salary

**Systems Administrator** 

\$75,919 / Year

COUNSELORS FOR COMPUTING

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