

Are any of these true for you?

Are you someone who...

- enjoys solving puzzles or logic problems?
- is good at breaking big problems into smaller parts?
- is interested in understanding how computers can help solve some of the world's most pressing problems?
- likes finding better and faster ways to get things done?
- wants to help build the next generation of smart phones, 3D virtual reality environments, or high-tech clothing?



You might want to enroll in a university or four-year college and get a degree in computing!

IT and computing jobs are plentiful...

IT and computing jobs are growing fast. Average projected growth of all U.S. occupations between 2016 and 2026 is **7%**. Technology jobs are likely to increase by **13%** during the same period.




...and they pay well.

The average starting salary offered to computer science graduates is \$74,183, roughly \$23,000 higher than the starting salary for graduates across the professions, according to the National Association of Colleges and Employers.



Want in? A college degree in a computing major will make it happen. Read on to see how your interests line up with different degrees and careers in computing.

Degree Programs	Some Job Titles Include	Projected Growth 2016-2026	2016 Average Annual Wage	2016 Average Hourly Wage
<p>COMPUTER SCIENCE and ENGINEERING (CSE) professionals design and build software. They design, define, and organize many aspects of a complex software product. CSE is a foundation for many different computing careers.</p>  <p>Cybersecurity workers are key to keeping us safe.</p>	Computer and Information Research Scientist	19%	\$111,840	\$53.77
	Software Developer	24%	\$102,280	\$49.17
	Information Security Analyst	28%	\$92,600	\$44.52
<p>INFORMATION SYSTEMS (IS) specialists design and manage computing systems that help organizations achieve their goals. Most IS programs are found in business schools.</p>	Computer and Information Systems Manager	12%	\$135,800	\$65.29
	Computer Systems Analyst	9%	\$87,220	\$41.93
<p>INFORMATION TECHNOLOGY (IT) professionals support, troubleshoot, and design elements of the IT infrastructure (websites to networks) in organizations including businesses, government, schools, health care, and more.</p>	Database Administrator	11%	\$84,950	\$40.84
	Web Developer or Website Manager	15%	\$66,130	\$31.79
	Network and Computer Systems Administrator	6%	\$79,700	\$38.32
	Computer Network Architect	6%	\$101,210	\$48.66

Get started now!

1. Take math, IT, and computer science classes.
2. Look for extracurricular computing activities.
3. Talk with your school counselor and computer science teacher about your interests and let them advise you.
4. Do research: meet with advisors at colleges and universities.
5. Apply at the universities or colleges with programs that suit your interests.



For more free resources, visit www.ncwit.org/c4c

Sources:

U.S. Department of Labor, Occupational Projections 2016-2026, www.bls.gov/emp

U.S. Department of Labor, Occupational Outlook Handbook 2016 Edition, www.bls.gov/ooh

ACM Computing Careers Website, computingcareers.acm.org

National Association of Colleges and Employers, 2017 Salary Survey, www.nacweb.org

Copyright © NCWIT, 2018. All Rights Reserved.

Counselors for Computing (C4C) is a project of the NCWIT K-12 Alliance, made possible by the Merck Company Foundation, Google, Palo Alto Networks, and Apple.

NCWIT Lifetime Partner – Apple

NCWIT Strategic Partners – NSF, Microsoft, Bank of America, Google, Intel, Merck, AT&T, and Cognizant U.S. Foundation

NCWIT Investment Partners – Avaya, Pfizer, Bloomberg, HPE, Qualcomm, Facebook, and Morgan Stanley