Computer Engineers research, design, develop, and test computer systems and components. Many Computer Engineers design devices used in manufactured products that incorporate processors and other computer components, and that connect to the internet. In addition, Computer Engineers ensure that hardware components work together with the latest software, and may work closely with software developers.

**Key Skills & Sample Jobs**

- Analyze and manage complex data
- Communicate with technical and nontechnical team members
- Identify and troubleshoot complex problems
- Use logic and reasoning to set goals and assess alternative solutions

**Sample Job Titles:** Computer Engineer, Software Developer, Database Developer, Desktop Engineer

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**2018 Career Outcomes**

- 92% of SEAS students were satisfied with the career programs and services
- 90% of computer engineering seniors were employed or enrolled in graduate school within 6 months
- $70,000 median salary for computer engineering undergraduates
- 44% of SEAS graduate students earned a salary of $100,000 or more

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**Electrical & Computer Engineering Department**

- 20 full-time faculty
- $5 million annual research expenditures
- 7 Fellows of the Institute of Electrical and Electronics Engineers (IEEE)

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**Department Enrollment**

- 89 undergraduate
- 269 graduate

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**Research Areas**

- Applied Electromagnetics
- Communications and Networks
- Computer Architecture and High-Performance Computing
- Electrical Power and Energy
- MEMS, Electronics, and Photonics
- Signal and Image Processing, Systems and Controls

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**Employers Who Have Hired GW Students**

- Accenture
- Boeing
- Capital One
- Facebook
- Intel
- Raytheon
- U.S. Dept. of Defense
- U.S. Navy

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