

Information Technology Cluster



Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

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Software Developers

You're on vacation with your family, and just as you lie down on the beach, it hits you—you forgot to mail those bills your mom asked you to drop in the mailbox as you ran for the bus the other day. Not to worry, thanks to a software developer (and a nearby Internet café), your mom can pay those same bills online and avoid any late fees.

If you are interested in a career that combines programming and problem solving, a career as a **software developer** may be for you.

Software developers combine their expertise in computer science, engineering and math to design, develop and test software for home, school and business use.

Are You Ready To...?

- Try several approaches to the same programming problems
- Spend many hours debugging programs
- Keep up with a constantly changing and growing technology through continuing education
- Be patient and tactful, but also relentless in getting the job done
- Work as part of a team

It Helps To Be...

Someone with attention to detail and a multi-tasker. You'll need to work both independently and with a team. And you'll need to listen well to know what clients and users need your software to do.

A Day In The Life...

- Write software, set up functions, enter data and process information
- Develop, design or create new applications, systems or products
- Conduct performance testing
- Consult with customers concerning needs

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$50.15

*That comes out to more than
\$104,304 a year.*

**In 2016, we had
14,695 Software Developers.
By 2026, we'll need 17,777.**

*Could you be one of the **3,082?***

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Software Developers

After High School...

In addition to a high school diploma, many employers look for software developers with a **bachelor's degree**.



Top 5 Industries for Software Developers

1. Computer Systems Design and Related Services
2. Professional and Commercial Equipment and Supplies Merchant Wholesalers
3. Architectural, Engineering and Related Services
4. Software Publishers
5. Aerospace Product and Parts Manufacturing

For more Career Profiles, visit our website:

<http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx>.

Related College Majors

- Computer Engineering
- Computer Forensics
- Computer Programming
- Computer Science
- Computer Software Engineering
- Electrical Engineering
- Game and Interactive Media Design
- Management Information Systems

Related Industry Certifications

- Computer Programming
- Computer Software and Media Applications
- Computer Support Specialist
- Medical Informatics

Related Careers

- Computer Programmers
- Computer Scientists
- Computer Systems Analysts
- Database Administrators
- Computer Hardware Engineers
- Mathematicians

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