



Explore a Career as a

SOFTWARE DEVELOPER, SYSTEMS SOFTWARE

What do Systems Software Developers do?

Systems software developers are involved with research, design, development and test operations of systems-level software, compilers, and network distribution. They create the systems that keep computers functioning properly. These could be operating systems for computers that the general public buys or systems built specifically for an organization. Often, systems software developers build the system's interface, which is what allows users to interact with the computer. Systems software developers create the operating systems that control most of the consumer electronics in use today, including the systems in phones or cars. They sometimes design embedded systems software, applying principles and techniques of computer science, engineering, and mathematical analysis.

Training & Educational Opportunities

You will have many opportunities for employment as a systems software developer, but first you will need to complete specific training and earn an associate degree. Students will focus on classes related to building software in order to better prepare themselves for work in the occupation.

As a Systems Software Developer you will:

- Analyze information to determine, recommend and plan installation of a new system or modification of an existing system
- Consult with customers or other departments on project status, proposals or technical issues
- Develop or direct software system testing or validation procedures
- Direct software programming and development of documentation

Systems Software Developers are in demand in Kankakee County!

Kankakee County employment of systems software developers is expected to grow through 2020. According to the Bureau of Labor Statistics, this field is growing much faster than the average for all occupations.

Software Developer, Systems Software

Training Provider

The following certified training provider offers programs and certifications to train for a career as a systems software developer:

- Joliet Junior College

Career scholarships may be available if you qualify.



Types of Employers

There are many different types of companies that employ systems software developers in Kankakee County, including:

- Computer systems design services
- Healthcare companies
- Software companies
- Technology companies
- Universities



Wages & Openings

Software Developer, Systems Software Employment Data for Kankakee County

Average Starting Hourly Wage	\$25.10
Average Hourly Wage With Experience	\$62.39
Average Annual Job Openings Kankakee County	<10
Average Annual Job Openings Chicago Metro	260

Opportunities

After earning your degree as a systems software developer, you will have many opportunities for advancement. Some opportunities include:

- Computer and Information Research Manager
- Computer and Information Systems Manager
- Computer Hardware Engineer



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