

Software and Systems Development

Industry Sector: Information and Communication Technologies

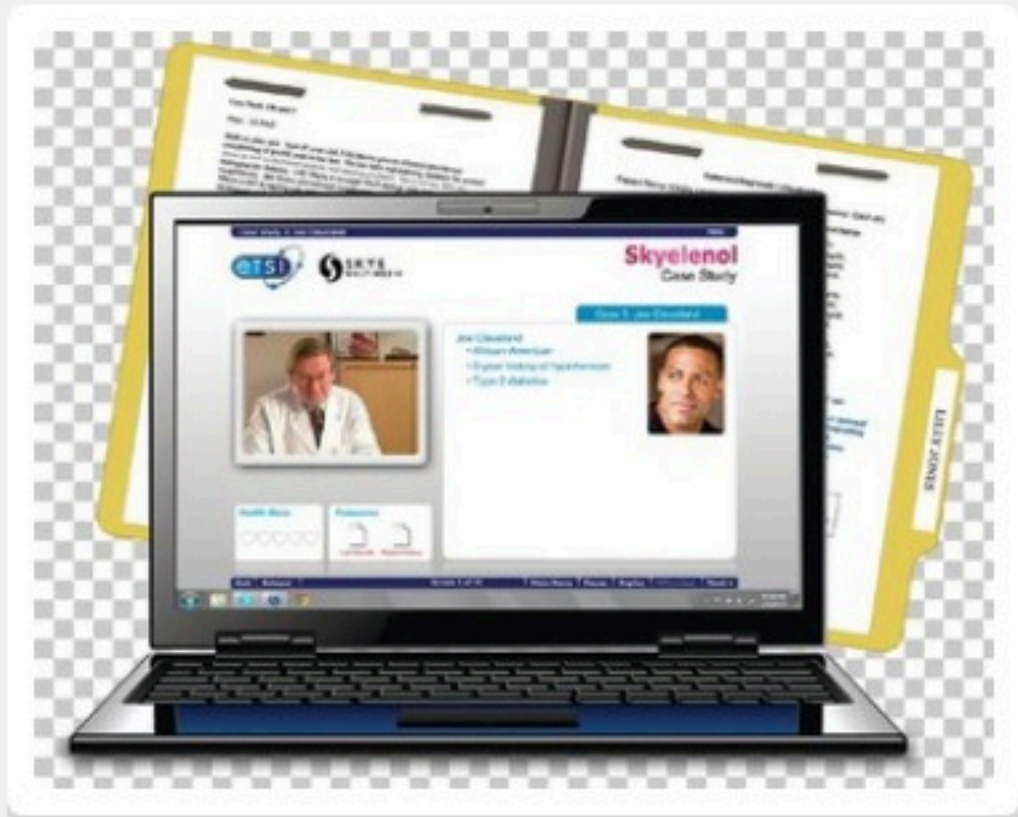
What is it?

Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Projected Employment: 2,270



Occupations



Computer Programmer

Average Salary: \$103,790

- Write, update, and maintain computer programs or software packages to handle specific jobs such as tracking inventory, storing or retrieving data, or controlling other equipment..



Software Developer

Average Salary: \$134,370

- Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design.



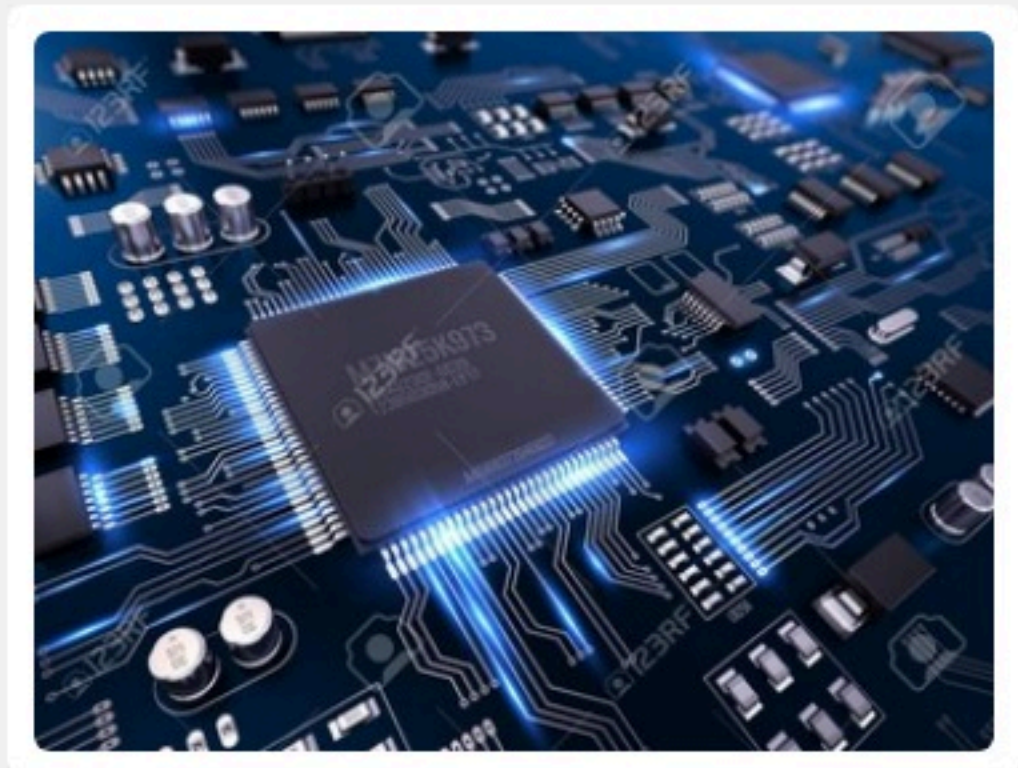
Computer and Information Research Scientist

Average Salary: \$140,020

Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.

Courses in This Pathway

- Introduction to Software and Systems Development
- Intermediate Software and Systems Development
- Advanced Software and Systems Development



Industry-standard Curriculum

Students use up-to-date programming and coding curriculum.



Offered at El Monte and South El Monte

Field trips and internships give students practical experience.



Dual Enrollment from Rio Hondo at Rosemead High School

Students earn CTE and college credit.