A CAREER IN SOFTWARE ENGINEERING COULD BE FOR YOU

Southwest Connecticut
TECHHUB
CTTechHub.org

START YOUR CAREER HERE:

Software Quality Assurance Analyst

Starting Average Salary: **$62,000**

Ensure the quality of applications before they are released to users. This involves identifying bugs, ensuring usability, and verifying that the application meets the specified requirements.

Junior Software Developer

Starting Average Salary: **$64,000**

Learn foundational coding skills, understand development workflows, and contribute to smaller parts of projects. Often includes working closely with mentors and receiving guidance.

HERE ARE SOME FUTURE ROLES:

Software Developer

Starting Average Salary: **$96,000**

Designs, codes, and tests software applications to solve specific problems or fulfill user needs.
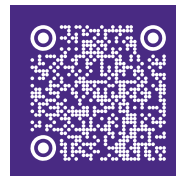
Technical Program Manager

Starting Average Salary: **$112,000**

Leads a multi-disciplinary team of developers, testers, and operations specialists to deliver large-scale technical projects efficiently.

Software Engineer

Starting Average Salary: **$150,000**

Solves complex problems, architects scalable systems, and mentors software developers across multiple projects.

Scan here to discover more about Tech Careers in CT

Salary data compiled from CT DOL Office of Research, Labor Market Information

SOFTWARE ENGINEERING RESOURCES

Here you'll find education options, starter projects, and local organizations, so you can discover more about this career path.

Three Education Options for **A Career in Software Engineering:**

Direct-to-Workforce Technical Training.

The WorkPlace offers no-cost, all-virtual, short-term programs to be certified in essential skills such as Python and Generative AI.

Two-Year Associate Degree Programs.

CT State Norwalk offers an Associate Degree in Computer Science with a focus on software development, ideal for entry-level roles or future transfer to a four-year program.

Four-Year Bachelor's and Master's Programs.

UCONN Stamford offers a BS in Computer Science with a focus on software engineering as well as an accelerated five-year program to receive a Master of Science degree.

Three Great Projects for **Exploration:**

Build a Simple Web App
Create a basic to-do list app using HTML, CSS, and JavaScript. This project introduces front-end development and problem-solving in user interfaces.

Program a Game
Develop a simple game like Snake or Pong using Python and libraries like Pygame. This helps you learn logic, animation, and user input handling.

Design a Mobile App Prototype
Use tools like Figma or Adobe XD to create a prototype of a mobile app idea. This project fosters creativity, user experience design, and early-stage development skills.

Additional Resources:

Stamford Tech Meetup:
A large monthly gathering of technologists, investors, and entrepreneurs in Westchester and Fairfield County.

Stamford Software Engineering Group:
A community for software engineers, developers, and enthusiasts passionate about social software and pragmatic software development.

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EDA

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