

Software Development Program: Testing Internship

Job Description

Overview

Second year software development interns will be capable to test software modifications of current and new software programs for local employers. Interns may review versions of special programs and develop bug fixes, while keeping customer documentation and internal documentation current. The objective is to support quality, error-free software and detailed documentation. This internship can work in a variety of situations, at times working as members of a team and other times working alone on an assignment with supervision.

Intern Skills

By entering into a second year internship the software developer student will have been trained in the following topics. The second year software development student will be:

- Proficient in Java, with experience in Javascript, and C programming languages
- Skilled in basic database queries
- Familiar with Agile / Scrum design methodologies
- Familiar with Networks and Operating Systems
- Able to effectively communicate with supervisor and coworkers
- Able to work independently, with strong attention to detail

Internship Duties

- Collaborate with colleagues to develop effective strategies and test plans
- Execute automated test cases and analyze results
- Write, execute, and maintain automated test procedures
- Evaluate test logs to document test defects
- Report bugs and errors to development teams and track all issues found
- Help troubleshoot issues
- Work with cross-functional teams to ensure quality throughout product development lifecycle
- Assure the quality of internal tools
- Test product usability, compatibility, accessibility, and performance

Student Internship Learning Objectives

- Develop scripting and programming languages as required
- Ability to document and troubleshoot errors
- Evaluate software defects using current bug tracking tools
- Develop experience with automated test tools

Other

- Schedule can vary depending on employer needs and weekly hours can range from 15-40.
- Application instructions and procedures can be adapted to employer needs.
- Internships require direct supervisor to oversee student learning, while providing feedback and coaching.