

Cayla Seaman

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GitHub

github.com/caylaseaman

Website

caylaseaman.com



Technical Skills

- Java, Python, C, HTML, CSS, JavaScript, SQL, Swift
- Unix/Linux, Git, Jenkins, SonarQube, Mockito

Projects

- Custom Spotify Playlist Script (Python)
- Personal Website (HTML, CSS)
- Habit Tracker App for iOS (Swift)
- Computer Task Manager (C, GTK)

Honors

- NCWIT Aspirations in Computing Affiliate Award

Education

Purdue University - West Lafayette Campus

May 2021

- Bachelor of Science in Computer Science
- Minor in Innovation and Transformational Change
- Concentration in Software Engineering
- GPA: 3.05

Experience

Discover Financial Services - Software Developer Intern

Summer 2019, 2020

Riverwoods, IL

- Implemented solutions that eliminated vulnerabilities and resolved code faults
- Updated batch job scripts to comply with security and technical standards
- Integrated Mockito with JUnit tests to preform REST calls, increasing code coverage by 50%
- Completed sprints in an agile work environment utilizing a Scrum management system.

Purdue - Computer Science Curriculum Developer

August 2019 - Present

West Lafayette, IN

- Created labs, walkthroughs, and homework assignments for CS180 - Programming I course using Java, JUnit, Vocareum and Bash Scripts
- Developed projects for CS251 - Data Structures and Algorithms centering around Stacks, Queues, Hashmaps, and Sort Algorithms
- Designed semester long project scope for CS307 - Software Engineering

Purdue - Teaching Assistant for Java

Spring and Fall Semester 2018, 2019, 2020

West Lafayette, IN

- Provided help for students with questions during lab times and office hours
- Debugged programs in a time efficient manner to resolve technical and logic errors
- Analyzed code to manually grade work and provide useful feedback

Riverside Manufacturing - Quality/Engineering Intern

Summer 2016, 2017, 2018

Fort Wayne, IN

- Solved verification errors within software to reduce false failure rates by 100%
- Created a simulation in C# to model how a product functioned to present to potential clients
- Trained new interns by meeting with them to review their work with writing directions for new procedures to maintain Quality Assurance