

EDUCATION

Purdue University, West Lafayette, IN
B.S. in Computer Science

GPA: 3.37 – May 2019
Honors: Dean's List (5 semesters)

SKILLS

Languages: Bash, Swift, Java, SQL, C, Python, C++, HTML, CSS, Android, JavaScript
Technologies: Docker, Jenkins, Jira, Xcode, Git, Atom, Artifactory, Microsoft / Oracle SQL, IntelliJ
Other Skills: Written & verbal communication, adaptability, accountability, Agile / Scrum

EXPERIENCE

Capital One – Software Engineering Intern – (Docker, Jenkins, Bash) **June 2018 – Aug 2018**

- Responsible for automating and improving existing codebase for future API use
- Reduced manual support overhead to increase productivity while maintaining quality
- Transformed manual processes into improved, automated pipelines utilizing Docker & Jenkins
- Introduced middle school students to programming by helping them create Android applications

ECS Solutions – Software Engineering Intern – (SQL, Python, Java) **May 2017 – Aug 2017**

- Designed a full-stack performance appraisal system that improved employee review efficiency
- Slashed data compilation overhead by more than one hour per employee without loss of data
- Created a modular SQL database schema for storing performance review data

Purdue University – Course Coordinator – (Java, Bash, JUnit, MOSS) **June 2018 - Present**

- Improved instructional quality by hiring and managing over 40 teaching assistants
- Significantly reduced exam development time from 1 month to 1 day while maintaining quality and clarity

Purdue University – Teaching Assistant – (Java, JUnit, Scrum) **Aug 2016 - Present**

- Instructed students to improve their knowledge and understanding of Object-Oriented Programming
- Developed and implemented programming assignments to increase understanding of course materials
- Led and evaluated groups of students in scrum-based software engineering teams

PROJECTS

SpotR – 2019 – Swift, Xcode, Firebase

- iOS mapping application that lets you view and share information about Purdue University's campus
- Tap any building to view live data about dining menus, retail spaces, computer labs and laundry machines
- Utilizes crowdsourcing features to view or share how busy a building or location is on campus

Bicker Quicker – 2018 – Swift, Xcode

- iOS application developed to let users decide who is right in an argument via crowdsourcing
- Utilizes Cocoa Pods and a Parse backend running on Heroku.

Diff Prez – 2017– HTML, CSS, JavaScript, Bootstrap, GitHub, Java, Atom

- A web-based application that enables users to query topics and compare the positions and policies of the Obama and Trump administrations.

ACTIVITIES & AWARDS

- Purdue USB Demo Day **2nd Place** – Bicker Quicker, 2018
- 10 Year 4-H member, EMV Leadership Retreat, Capital One CODERS
- Clubs: Purdue Hackers, iOS Dev Club