

Christopher J. Rosenblatt

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Objective

Obtain a software engineering internship for Summer 2020 so I can leverage my existing skills and learn new ones.

Education

Purdue University

West Lafayette, IN

August 2017 – December 2020

- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- Current GPA: 3.96/4.0
- Dean's List & Semester Honors (All Semesters); CS Corporate Scholarship; CoS Scholarship

Work Experience

IT Intern – Union Pacific Railroad

Omaha, NE

Summer 2019 – Present

- Created, tested, and documented multiple APIs for B2B integration with external customers using Spring with Maven build tools
- Worked closely with business partners to define standardized schema and terms for APIs using OpenAPI 3.0
- Researched, created, and presented a process for automatically generating UP-standard documentation for the new external APIs using Spring Rest Docs, MockMVC, and AsciiDoctor markdown language
- Implemented mocking capabilities into APIs using WireMock and Jenkins for easy customer testing
- Worked with other interns to standardize, document, and present the process for creating APIs so work can continue efficiently into the future
- Continuing my work part time throughout the school year

Undergraduate Teaching Assistant – C Programming, Systems Programming

West Lafayette, IN

Fall 2018 – Present

- Attend weekly labs in to assist 40+ students in projects and homework
- Complete weekly assignments and answer questions both in labs and online

Personal Projects

Wizard Duel 2

West Lafayette, IN

Spring 2019

- Software Engineering class team project
- Real-time online combat game featuring resource management, a leveling system, and skill-based matchmaking
- Contribution: Worked on setting up Node.JS server with socket.IO and worked heavily on frontend, especially to implement gameplay loop
- Acted as team's Scrum Master

Boilerfaves

West Lafayette, IN

Spring 2018

- Android App created with ACM SIGAPP
- Notifies user when their set "faves" are available in a Purdue dining court
- Contribution: Worked on the page to set notification times and implemented filtering feature

Hello Mentors

West Lafayette, IN

Spring 2019

- Web application that could be used as a tool to organize mentors at a hackathon
- Frontend written in HTML/CSS/Javascript, backend in Node.JS/MySQL
- Contribution: Worked heavily on the frontend, creating some UI and using jQuery and Ajax to call our API

Skills

Languages: Proficient in Java, C, C++; Knowledgeable in Python, Swift, HTML/CSS/JS

Operating Systems: Windows and MacOS; Knowledgeable in Linux

Tools: IntelliJ, Vim, VSCode, Xcode, Android Studio, Maven, Spring, OpenAPI, JUnit, AsciiDoctor/Markdown, Git, Bash, Unix

Activity

Purdue ACM – SIGAPP

Hello World Hackathon

Intramural Bowling Team

Role

Vice President since Fall 2018

Communications Director

Captain

Time

Fall 2017 - Present

Spring 2018 - Present

Fall 2017