

Christopher J. Rosenblatt

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Objective

A software engineering internship for Summer 2020 where I can hone my existing skills and learn new ones.

Education

Purdue University

- Bachelor of Science in Computer Science West Lafayette, IN
Expected December 2020
- Bachelor of Science in Mathematics West Lafayette, IN
Expected December 2020
- Current GPA: 3.97/4.0
- Multiple Honors: Dean's List & Semester Honors (All Semesters); CS Corporate Scholarship; CoS Scholarship

Work Experience

IT Intern – Union Pacific Railroad

- Created, tested, and documented multiple APIs for B2B integration with external customers using Spring with Maven build tools Omaha, NE
May 2019 – Nov. 2019
- 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
- Continued employment during the Fall semester

Undergraduate TA – C Programming, Systems Programming, Software Engineering I

- Attended weekly labs in to assist 40+ students in projects and homework West Lafayette, IN
Fall 2018 – Present
- Example assignments included: building a shell, writing an implementation of malloc, creating a web server
- Currently acting as project coordinator for 2 scrum teams completing a semester-long software project

Personal Projects

Wizard Duel 2

- Software Engineering class team project West Lafayette, IN
Spring 2019
- 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

Hello Mentors

- Web application that could be used as a tool to organize mentors at a hackathon West Lafayette, IN
Spring 2019
- Frontend written in HTML/CSS/Javascript, backend in Node.js/MySQL
- Contribution: Worked heavily on the frontend, creating UI and using jQuery and Ajax to call our API

Boilerfaves

- Android App created with ACM SIGAPP West Lafayette, IN
Spring 2018
- 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

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

Leadership Activities

Vice President of Purdue ACM SIGAPP

- Lead a project team in developing an app to assist the Purdue Police Department West Lafayette, IN
Fall 2018 – Present
- Run meetings and give presentations and demos to 20+ students

Director of Hello World Hackathon

- Leader of Purdue's freshman-only hackathon West Lafayette, IN
Spring 2020 - Fall 2020
- Organize a hackathon for 300+ students
- Oversee UX, Comms, Dev, Design, and Finance teams