

# Christopher J. Rosenblatt

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## Objective

A software engineering internship for Summer 2020 so I can leverage 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: 3.96/4.0
- 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 Summer 2019 – Present
- 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 school year

### Undergraduate Teaching Assistant – C Programming, Systems Programming

- Attend weekly labs in to assist 40+ students in projects and homework West Lafayette, IN  
Fall 2018 – Present
- Complete weekly assignments and answer questions both in labs and online
- Example assignments include: building a shell, writing an implementation of malloc, creating a web server

## 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

### Communications Director of Hello World Hackathon

- Work with other Purdue clubs to organize workshops to inspire freshmen West Lafayette, IN  
Spring 2019 – Fall 2019
- Organize student mentors to assist students with any kind of technical question
- Lead the advertising effort in the weeks leading up to the event