

Udi Rose

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EDUCATION

Washington University in St. Louis, McKelvey School of Engineering
Bachelor of Science in Computer Science

Expected May 2023

- Minor in Psychology
- GPA: 3.56/4, Dean's List past 5 semesters
- Relevant coursework: Data Structures and Algorithms, Computer Engineering, Rapid Prototyping, OOP Software Laboratory, Intro to AI, Analysis of Algorithms, Computer Security, Systems Software

PROFESSIONAL EXPERIENCE

Software Engineering Program Intern at JPMorgan Chase | Chicago, IL

June 2022 - Aug 2022

- Developed tool to automate excel sheet creation for data quality monitoring using React and Springboot to save developers hours of manual input
- Developed chatbot to save developers time with manning the support page
- Participated in daily standups and SCRUM planning
- Demoed project to internal team as well as the 75 other SEP interns

Software Developer Intern at Blubrry Podcasting | Remote

May 2021 - Aug 2021

- Worked alongside blubrry devs on large codebase creating new features and revamping the site using PHP, JS, and MySQL
- Edited 10 tables in AWS to support new code being developed
- Participated in daily standups and weekly sprint planning meetings with the development team
- Demoed 6 different projects to the development team and the whole company, which then got pushed to the release branch of the site

Intro to Computer Science Undergraduate TA | St. Louis, MO

Sept 2020 - Jan 2021

- Hosted office hours to aid students in completing their projects and understanding material
- Graded students' projects for correctness through the provided rubric
- Ran a personal studio group with 6 students weekly, guiding them through coding problems that use the concepts learned in the course

Developers Student Club WashU | Member | St. Louis, MO

Sept 2019 - Current

- Brainstormed projects with fellow members to help nonprofits and small businesses in the St. Louis Area
- Learned about Google Cloud technologies through workshops hosted by the club
- Developed a redesigned shuttle tracking app for the university's shuttle system

PROJECT EXPERIENCE

WashU Shuttle App

Jan 2022 - Current

- Developed a shuttle location and schedule tracking app in React Native to replace the current outdated app
- Led the engineering on a team with 6 other engineers and designers
- Taught React Native to the other engineers when we switched away from Xcode
- In process with releasing it to app stores

Newsies - News Forum Website

February 2021

- Created a Forum website similar to Reddit using HTML, CSS, PHP, and MySQL with another student
- Implemented full login and registration system created with PHP and MySQL database
- Added ability to create posts associated with user profiles and have comments on those posts

SKILLS

- Programming: PHP, Javascript, Java, C++, HTML, CSS, Linux, Git, Python, AWS, MySQL, NodeJS, React
- Language: Hebrew - Conversational