

SAM BOSSLEY

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EDUCATION

The Ohio State University

Columbus, OH

Aug 2017 - May 2021

- Bachelor of Science, Computer Science and Engineering (Major in Software Engineering)
- 3.7 Cumulative GPA (4.0)

TECHNICAL SKILLS

Operating Systems

- Windows 7/10, Ubuntu distros, MX Linux, MacOS, Arch distros, Free/OpenBSD, NixOS

Languages, Frameworks, and Toolsets

- HTML5, CSS/SCSS, ES6 JS/TS, Java, C, Python, POSIX Shell, Ruby, LaTeX, Git, Golang
- Apache, Nginx, Amplify, Firebase, Django, Node, Express, Rails, React, SQL/NoSQL, Sequelize

Programs

- Neovim, VS Code, Blender, Unreal Engine 4, Unity, Gimp, Inkscape, DaVinci Resolve

PROFESSIONAL EXPERIENCE

Shipt

San Francisco, CA

Frontend Software Engineer (40 hrs/wk)

May 2021 - Present

- Building frontend experiences for desktop and mobile with Typescript
- Developing with code review utilizing React hooks, Redux, and React Query

Media Marketing and Communication Scholars Virtual Reality Team

Columbus, OH

Lead Virtual Reality Developer (14-16 hrs/wk)

Aug 2017 - May 2021

- Built environments with Unreal Engine 4 and C++ for the Oculus Rift (S) and HTC Vive
- Designed and documented a C++ VR library for future student use
- Coordinated and Collaborated on projects with a team on Github using Git

The Ohio State University OCIO Web Mobile Team

Columbus, OH

Student Intern (40 hrs/wk)

May 2019 - Aug 2019

- Tracked garage statuses with AWS Lambda and DynamoDB
- Templated projects with AWS SAM
- Produced a React frontend with Jest unit tests

Nationwide Children's Hospital Design and Technology

Columbus, OH

Student Researcher/Intern (6 hrs/wk)

July 2018 - April 2019

- Developed a RESTful MVC API using Node, Sequelize, Ajax, and MySQL
- Tested projects using Mocha, Chai asserts Sinon mocks

AccessU

Columbus, OH

Backend/Android Developer (4 hrs/wk)

Oct 2018 - July 2019

- Designing a React-Native map app for locating ADA accessible entrances
- Interacting with backend using Firebase DB and Javascript Promises

The Ohio State University Digital Flagship Initiative

Columbus, OH

Digital Flagship Student Mentor (20 hrs/wk)

May 2018 - Aug 2018

- Distributed iPad Pros to 11,000 incoming university students
- Learned iPad Pro iOS accessibility features, troubleshooting
- Contributed to a student-led team with multiple responsibilities

LEADERSHIP AND INVOLVEMENT

Media Marketing and Communication (MMC) Scholars

Columbus, OH

Project Group Instructor (2 hrs/wk)

Aug 2018 - May 2021

- Teaching Unreal Engine 4 and Unreal Blueprint basics to students

Asian Pacific Islander Desi American Cohort (APIDA) Cohort

Columbus, OH

Mentor, General Body Member (1-2 hrs/wk)

Sept 2017 - May 2020

- Contributing to community service and student mentorship

STEM Exploration and Engagement (STEM EE) Scholars

Columbus, OH

Leadership Council Course Review Coordinator (1-2 hrs/wk)

Aug 2017 - Aug 2019

- Engaged other students in STEM activities and connections

Midwest Asian Pacific Islander Desi American Students Union (MAASU)

Columbus, OH

Planning Committee Webmaster (10 hrs/wk)

Aug 2017 - Mar 2018

- Built a Django, SQLite, and Braintree web app for 800+ registrants