

## 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, L/X/Ubuntu, MX Linux, macOS, Archlinux/ Arch-based distros, minimal BSD

#### Languages, Frameworks, and Toolsets

- HTML5, CSS/SCSS, JS/TS/Babel, Java, C/C++/C#, Python 3, Matlab, Bash, Ruby, LaTeX, Git
- Apache, Nginx, Amplify, Firebase, Django, Node, Express, Rails, React, SQL/NoSQL, Sequelize

#### Programs

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

### PROFESSIONAL EXPERIENCE

#### Media Marketing and Communication Scholars Virtual Reality Team

Columbus, OH

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

Aug 2017 - Present

- Building environments with Unreal Engine 4 and C++ for the Oculus Rift (S) and HTC Vive
- Designing and documenting a C++ VR library for future student use
- Coordinating and Collaborating on projects with a team on Github using Git

#### Shipt

San Francisco, CA

##### Web Developer Intern (40 hrs/wk)

May 2020 - Aug 2020

- Built a seasonal landing page for desktop and mobile web site
- Developed with code review using Typescript, React hooks, and Redux

#### 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 - Present

- 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