

SAMUEL BOSSLEY

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EDUCATION

The Ohio State University

Columbus, OH

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

August 2017 - Expected May 2021

TECHNICAL SKILLS

Operating Systems

- Windows 7/10, Ubuntu flavors, Mint, MX Linux, macOS 10

Software and Languages

- HTML5, CSS / SASS, Javascript / Typescript / Babel / JQuery, Node / Express / Ejs, Sequelize, Java, C / C++, Python / Django / Jinja2, Matlab, Bash, SQL / NoSQL, Ruby

PROFESSIONAL EXPERIENCE

Media Marketing and Communication (MMC) Scholars Virtual Reality Team

Columbus, OH

Lead Virtual Reality Developer

August 2017 - Present

- Building environments with Unreal Engine 4, C++, and Blender for the Oculus Rift (S) and HTC Vive (11hrs/wk)
- Designing and documenting a C++ VR library for future student use
- Coordinating and Collaborating on projects with a team on Github using SVN

The Ohio State University OCIO Web Mobile Team

Columbus, OH

Student Intern

May 2019 - August 2019

- Tracked garage statuses with AWS Lambda and DynamoDB (40hrs/wk)
- 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

July 2018 - April 2019

- Developed a RESTful MVC API using Node, Sequelize, Ajax, and MySQL
- Tested projects using Mocha, Chai asserts Sinon mocks (6hrs/wk)

AccessU

Columbus, OH

Backend/Android Developer

October 2018 - Present

- Designing a React-Native map app for locating ADA accessible entrances
- Interacting with backend using Firebase DB and Javascript Promises (4hrs/wk)

The Ohio State University Digital Flagship Initiative

Columbus, OH

Digital Flagship Student Mentor

May 2018 - August 2018

- Distributed iPad Pros to 11,000 incoming university students (20hrs/wk)
- Learned iPad Pro iOS accessibility features, troubleshooting
- Contributed to a student-led team with multiple responsibilities

Website Freelancer

June 2012 - Present

- Working with Apache, Nginx, Firebase, Amplify, and other hosting services
- Worked proficient in Django and Node backend frameworks, React frontend

LEADERSHIP AND INVOLVEMENT

Media Marketing and Communication (MMC) Scholars

Columbus, OH

Project Group Instructor

August 2018 - Present

- Teaching Unreal Engine 4 and Unreal Blueprint basics to students (2hrs/wk)

Asian Pacific Islander Desi American Cohort (APIDA) Cohort

Columbus, OH

Mentor, General Body Member

September 2017 - Present

- Contributing to community service and student mentorship (1-2hrs/wk)

STEM Exploration and Engagement (STEM EE) Scholars

Columbus, OH

Leadership Council Course Review Coordinator

August 2017 - August 2019

- Engaged other students in STEM activities and connections (1-2hrs/wk)

Midwest Asian American Students Union (MAASU)

Planning Committee Webmaster

Columbus, OH

- Built a Django, SQLite, and Braintree web app for 800+ registrants (10hrs/wk) August 2017 - March 2018