SAMUEL BOSSLEY

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EDUCATION

The Ohio State University Columbus, OH
- Bachelor of Science, Computer Science and Engineering August 2017 - Expected May 2021
  (Major in Software Engineering)
- 3.7 Cumulative GPA (4.0)

TECHNICAL SKILLS

Operating Systems
- Windows 7/10, [L/X]Ubuntu, Mint, MX Linux, macOS 10

Software and Languages
- HTML5, CSS preprocessors, JS / TS / Babel / JQuery, Node / Express / Ejs, Sequelize, Java, C / C++,
  Python / Django / Jinja2, Matlab, Bash, SQL / NoSQL, Ruby, Rails

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 (12hrs/wk)
- Designing and documenting a C++ VR library for future student use
- Coordinating and Collaborating on projects with a team on Github using Git

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