

# JASON SANGIAMO

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## EDUCATION

### **Washington University Class of 2020**

**August 2017 - Present**

#### **Bachelor of Science**

#### **Majors in Computer Science and Philosophy-Neuroscience-Psychology**

- Overall GPA: 3.89/4.0. Dean's List: Fall 2017, Spring 2018
- Selected Coursework: Data Structures and Algorithms, Web Development, Rapid Prototype Development and Creative Programming, Object-Oriented Software Development Laboratory

### **University of Virginia Class of 2020**

**August 2016 - May 2017**

## EXPERIENCE

### **T. Rowe Price (Java, JavaScript)**

**June 2018 – August 2018**

#### *Full Stack Development Intern*

*Baltimore, MD*

- Transitioned customer experience research software vendor on website used by 401(k) customers with assets totaling over \$200 billion.
- Fixed front-end bug preventing a subset of users from enrolling in two-factor authentication.
- Assisted with assessment and remediation of a reflected cross-site scripting (XSS) vulnerability.
- Organized and performed integration testing on microservice supporting new Conversational User Interface.

### **Generopolis (PHP, Docker, JavaScript)**

**August 2018 – Present**

#### *Lead Developer*

*St. Louis, MO*

- Performing full stack development to build out an E-commerce website benefiting nonprofits.
- Managing server infrastructure in AWS cloud to maximize performance and comply with security best practices.

### **Washington University (PHP, JavaScript, Python)**

**January 2018 – May 2018**

#### *Teaching Assistant: CSE 330: Rapid Prototype Development*

*St. Louis, MO*

- Assisted students with learning to create modern web applications in an upper-level course.
- Offered 5 office hours each week where students could receive individual help troubleshooting their projects.
- Responsible for grading all coursework for 10 students.

## PROJECTS

### **WUSTLCourses.com (Python, JavaScript, Django)**

- Developed and deployed course scheduling web application for students at Washington University.
- Implemented multithreaded web scraping algorithms in Python to collect and store course information from the internet in a SQL database.
- Deployed application into the cloud using AWS Elastic Beanstalk and AWS Route 53.

### **WordCrunch: Blogging Social Network (Python, JavaScript, Django)**

- Developed social networking application on which users can create posts, follow and block other users, and view other users' posts.

### **PlanIt: Calendar Web Application (JavaScript, PHP, SQL, AWS EC2)**

- Developed calendar web interface allowing users to create, modify, and delete events that are stored in a MySQL database running in the cloud.
- Integrated Twilio to text reminders to users about upcoming events.

## CERTIFICATIONS

### **Amazon Web Services (AWS) Certified Cloud Practitioner**

**August 2018 – August 2020**

- Passed certification exam offered by Amazon Web Services demonstrating an overall understanding of the AWS cloud offerings and architectural design principles.