

# 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

**University of Virginia Class of 2020**

**August 2016 - May 2017**

## EXPERIENCE

**Generopolis St. Louis, MO**

**August 2018 - Present**

*Lead Developer*

- Performing full stack development on an online marketplace on which sellers can list goods and services for which the proceeds of the sale will go to a nonprofit on the seller's choice.
- Managing cloud development on an AWS Lightsail instance to maximize performance and comply with security best practices.
- Building out MySQL database running in the cloud.

**WUSTLCourses.com St. Louis, MO**

**August 2017 - Present**

*Creator and Full Stack Developer*

- Independently creating web platform using Django that enables students at Washington University in Saint Louis to design their schedules for the upcoming semester and view course feedback. Performed all development for the project.
- Implemented web scraping algorithms using multithreading in Python to collect and store course information from the university website in a SQL database.
- Deployed application into the cloud using AWS Elastic Beanstalk and AWS Route53.

**Washington University in Saint Louis St. Louis, MO**

**January 2018 - Present**

*Teaching Assistant: Rapid Prototype Development and Creative Programming*

- Assisting students with design of modern web applications in an upper-level course using technologies such as AWS EC2 instances, Node.js, and Django.
- Holding office hours each week where students can receive individual help troubleshooting their projects.

**T. Rowe Price Baltimore, MD**

**June - August 2018**

*Software Engineering Intern – Retirement Planning Services*

- Performed front-end and back-end development associated with transitioning customer experience research software on website for 401(k) customers. This required coordination across multiple teams and meeting with the software vendor several times to establish a transition strategy.
- Assessed and remediated front-end logic defect impeding a subset of users from enrolling in two-factor authentication.
- Assisted with assessment and remediation of a reflect cross-site scripting (XSS) vulnerability. Performed testing for fix.
- Participated in integration testing and code reviews for a Conversational User Interface implementing AWS Connect.
- Documented SMS technology for transaction capabilities. Produced over 70 pages of documentation using Microsoft Visio.

**Federal Communications Commission Washington, D.C.**

**May - August 2017**

*Engineering Intern*

- Developed an automated monthly status report for the Policy Division using Microsoft Excel to streamline and accelerate monthly review of division performance.
- Researched and reviewed proceedings on ATSC 3.0 - Next Generation TV Technology with a specific focus on rulemakings concerning regulation of hardware allowing for advanced time-multiplexed broadcast streams as well as the transmission of flexible and dynamic physical layer waveforms. Delivered a presentation to coworkers in the Office of Engineering Technology advising on how best to implement this new technology while both protecting consumers and encouraging future innovation.
- Received Federal Communications Commission Performance Award in recognition of exceptional contributions.

## 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.