

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: 4.0/4.0. Dean's List: Fall 2017

University of Virginia CLASS OF 2020

August 2016 - May 2017

EXPERIENCE

WASHINGTON UNIVERSITY IN SAINT LOUIS St. Louis, MO

January 2018 - Present

Teaching Assistant: Rapid Prototype Development and Creative Programming

- Assist students with design of modern web applications in an upper-level course using technologies such as Amazon Web Services, jQuery, PHP, and Socket.IO.
- Hold office hours each week where students could receive individual help troubleshooting their projects.

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 to best implement this new technology while both protecting consumers and encouraging future innovation.
- Awarded Federal Communications Commission Performance Award in recognition of exceptional contributions.

Office of the Federal Public Defender for the District of Maryland Baltimore, MD

April - May 2016

Intern Staff Investigator

- Completed project comparing Criminal Justice Act panels across four different districts as a point of contrast to highlight discriminatory practices in federal criminal litigation.
- Used Federal databases and internet searches to determine location of potential witness in pedophilia case.
- Analyzed contents of defendant's phone in search of potential exonerating evidence.

PROJECTS

Instant Messaging Web Application (AWS, HTML, CSS, JS, jQuery, AJAX, Socket.IO, Git)

- Created an instant messaging client that allows users to send messages to one another in real time via web socket.
- Implemented features allowing users to style their messages and send images.

WordCrunch: Blogging Social Network (AWS, HTML, CSS, Python, Django, Git)

- Created a social networking site on which users can create posts, follow and block other users, and view other users' posts. All user account information was stored securely in an SQLite database along with any associated blog posts.
- Wrote MySQL queries in Django framework that queried database to create both a feed of all posts and a feed of all posts from followed users.

VOLUNTEER EXPERIENCE

Shepherd's Clinic Joy and Wellness Center Baltimore, MD

June - July 2016

Administrative Volunteer

- Worked with the administration of this Baltimore City non-profit health clinic for the uninsured to help optimize several procedures in a new insurance counseling program by streamlining the process using Google Sheets and Google Forms to create a spreadsheet that validated data, color coded data, and sorted data by several different criteria.

Habitat for Humanity Baltimore, MD

September 2012 - May 2016

Student Leader

- Headed corporate pitch that led to a \$50,000 matching grant being extended to the club.
- Chaired committee organizing two silent auction fundraisers, each raising over \$12,000 for Habitat for Humanity.
- Recognized by the Baltimore Ravens' Honor Rows program in December 2014 for outstanding service to the community and development of leadership, personal, and social skills of club's members.