

Education

Expected May 2019

University of Maryland, College Park, College Park, MD

B.S., Computer Science

Philosophy Minor

GPA: 3.02 / 4.00

Experience

August 2018 – Present

Algorithms Teaching Assistant, University of Maryland, College Park, MD

- Lead weekly office hours to help students with homework, review concepts, or go over past exams
- Answer online Piazza posts & questions that students make about assignments

May 2017 – August 2017

Research Intern, University of Maryland, College Park, MD

- Reduced data processing time by 50% by writing a script that collected and transferred data between Microsoft Excel and Gylling Data Management's ARM in JavaScript
- Developed a responsive web portal for the Turf Pathology Department's research in HTML5/CSS and PHP

May 2016 – August 2016

Software Engineer Intern, Avesis, Inc., Owing Mills, MD

- Created exit surveys to measure customer satisfaction with Avesis services
- Compiled query data in MS SQL databases for other teams to analyze

May 2015 – Present

911 Volunteer EMT/Firefighter III, MCFRS, Bethesda, MD

- Responded to 200+ medical emergencies, treated and transported 100+ patients safely into hospitals in Montgomery County
- Trained 15+ new members in how to assist in CPR/AED operations
- Recruited 20+ members into MCFRS to be fire/rescue candidates

Projects

Animal Book, Google Chrome Browser Extension, Washington, DC

- Developed a script that replaced Facebook profile pictures with cute animal pictures as a concept to reduce online prejudice, bullying, and harassment
- Winner of Hackital 2017, a coding marathon

Nectr, Android Mobile App, Baltimore, MD

- Recreated Twitter social media mobile app using ReactJS and Android Studios
- Gained 50+ downloads to test geolocation posting feature within 24 hrs of launch in the Google Play Store

Teaching Assistant Interface (TAI), Web App, College Park, MD

- Designed with a team a user-friendly interactive web application for Computer Science students to apply to be Teaching Assistants and for professors to add prospective students into their TA roster
- Wrote the PHP script that collected user entered data for back-end processing
- Developed & tested the front-end of the web app with Bootstrap and XAMPP

Skills

Tools/Frameworks: Android Studio, ReactJS/React Native, JQuery, MySQL, Bootstrap, AngularJS, GraphQL, Linux

Programming Languages: Java, JavaScript, C, PHP, HTML5/CSS, Ruby, OCaml, SQL, LaTeX