

Education

University of Maryland

Bachelor's Degree in Computer Science | Business Minor

- QUEST (Quality Enhancement Systems and Teams) Consulting Honors Program

College Park, MD

Expected: May 2022

GPA: 3.58

Work Experience

Google, Devices and Services | step25-2020.uc.r.appspot.com

Remote

STEP Engineering Intern

May 2020 - Aug 2020

- Full-Stack development of Web Application to implement autograding in Google Classroom using [Java Servlet](#).
- Created intuitive UI in [Javascript/HTML/CSS](#) to map student response assignments for Google Cloud Vision API to recognize and cluster similar student response images.
- Integrated Google Classroom API, writing assignment grading to instructor classes from GCP Datastore.
- Completed Agile dev design doc writing, code reviews, scope prioritization, roadmapping, and prototyping.

The National Institutes of Health, Utilities Engineering Branch

Bethesda, MD

Machine Learning Intern

May 2019 - Jan 2020

- Produced real-time prediction models in Matlab Machine Learning toolboxes to optimize utility plant operation.
- Front-End Web Development: Used [Angular TypeScript](#), HTML, and CSS to display CUP Data.

Projects

Product Designs

Spacial Smarts Web Application

portfolium.com/entry/spacial-smarts-quest-presentation

- Developed app wireframe to teach and teach spatial reasoning to children in the instructor setting.
- Performed market research, stakeholder interviews, rapid prototyping, and technical scoping for business proposal.

COVID-19 Store Capacity Tracker

Demo: ter.ps/targetHack | Target DLS Hackathon Overall Winner

- Created [Figma](#) mockup of Mobile App to track limited capacity of nearby Target stores for customers.
- Designed improved contactless pickup system.

Consulting

Food Bank Resource Optimization

Capital Area Food Bank 

- Created [Python](#) statistical models using linear regressions to identify greatest opportunity areas.
- Analyzed census data determining food insecurity in the DC Metro Area for CAFB partner action.

Planting Reusability Culture

UMD - Dining Services | ter.ps/questds

- Created recommendations for improved system of reusable bag distribution and campus cultural shift.
- Conducted market research and survey data collection for business proposal.

Leadership Experience

Undergraduate Senator, UMD University Senate

May 2020 - Present

- Elected as undergrad CMNS senator to advise the University President on campus policy matters imposed by laws/mandates from the University of Maryland System Board of Regents or Chancellor.

VP Marketing and Technology, OMSE Academic Excellence Society

Aug 2020 - Present

- Update website and design fliers marketing upcoming events, document events, and create formal slideshows.
- Organized and led student workshops on professional development, mental health, diversity, and leadership.

Skills

Computer: Java | Javascript | Python | Ruby | HTML/CSS | C | OCaml | Linux | Matlab | Typescript

Technical Tools: Git | Github | Jira | Angular/AngularJS | Adobe Photoshop, Premiere Pro | Figma