



## 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

STEP Engineering Intern

Remote

May 2020 - Aug 2020

- Enabled autograding for teachers using Google Classroom with answer categorization on a Web Application.
- Created UI for users to map out student responses and categorize similar responses for assigning partial credit.
- Wrote projected design document with scope prioritization and roadmapped feature production over 12 weeks.
- Integrated student handwriting recognition through Google Cloud Vision and Google Classroom API for grading.
- Developed the Web Application using [Java Servlet](#) (Backend) and [Javascript/HTML/CSS](#) (Frontend).

### The National Institutes of Health, Utilities Engineering Branch

Machine Learning Intern

Bethesda, MD

May 2019 - Jan 2020

- Improved teamwork transparency by transitioning 8 engineers to Agile Scrum framework with JIRA ticketing.
- Optimized Central Utility Plant operation by producing real-time prediction models with Matlab Machine Learning.
- Increased fuel usage transparency through data display (Frontend Web Dev: [Angular TypeScript/HTML/CSS](#)).

## Product Projects

### Spotify Public Queue Feature

[BenLin00.github.io/portfolio](https://BenLin00.github.io/portfolio)

- Designed Spotify feature to increase social interaction through publicly shared queue.
- Embedded centralized song request/recommendations location between users with clickable [Figma](#) demo.
- Created user personas and wrote detailed user stories.
- Roadmapped 10-week timeline with [Asana](#) task manager.

### COVID-19 Store Capacity Tracker

Demo: [ter.ps/targetHack](https://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 in-car QR-code contactless pickup system.

### Spacial Smarts Web Application

[portfolium.com/entry/spacial-smarts-quest-presentation](https://portfolium.com/entry/spacial-smarts-quest-presentation)

- Developed app wireframe to teach spatial reasoning to children in public/private school setting.
- Designed business model, market diffusion strategy, and competitor analysis for business proposal.

### Planting Reusability Culture

UMD - Dining Services | [ter.ps/questds](https://ter.ps/questds)

- Created recommendations to improve reusable bag distribution on campus and create cultural shift.
- Conducted stakeholder interviews, led student focus groups, and designed survey for data collection.
- Analyzed survey data from 650 student responses.

## 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

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

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