BENJAMIN LIN

Personal Website: BenLin00.github.io

github.com/BenLin00
linkedin.com/in/BenLin00
(240) 203-7000
BLin1@umd.edu

Education

University of Maryland
College Park, MD

Bachelor's Degree in Computer Science | Business Minor — Expected: May 2022

GPA: 3.57

- QUEST (Quality Enhancement Systems and Teams) Consulting Honors Program
- Science, Technology and Society College Park Scholars Program

Work Experience

Google, *Advertiser Analytics*
Remote

Software Engineering Intern — Aug 2021 - Nov 2021

- Created Debug Panel to measure impact and monitor release during feature roll-out in AngularDart.
- Implemented logging for backend server query fields and unmonitored RPCs in Java and created frontend UI.

Amazon, *Maps-Client Mobile Development*
Seattle, WA

Software Development Engineering Intern — May 2021 - Aug 2021

- Implemented 3rd party Search framework for navigation in Swift iOS app for Amazon delivery test drivers.
- Designed and created UI for users to select search result and generate map annotations for route navigation.
- Implemented category-search to find nearby POI (ie: cafes near me) integrated with current routing behavior.

Facebook, *Facebook Reality Labs (AR/VR)*
Remote

UXDR Consultant | ter.ps/frlposter — Feb 2020 - May 2020

- Improved Notice & Consent models in Oculus headset VR space to establish brand trust with non-technical users.
- Created and tested multiple iterations of design models and identified design principles to best inform users.
- Conducted UR: 55+ focus group participants and 200+ survey responses receiving design reiteration feedback.

Google, *Devices and Services*
Remote

STEP Engineering Intern — May 2020 - Aug 2020

- Full-Stack development of Web Application to implement autograding in Google Classroom using Java Servlet.
- Recognized and clustered similar student response images using Google Cloud Vision API in Javascript.
- Integrated Google Classroom API to write assignment grading to instructor classes from GCP Datastore.

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

COVID-19 Store Capacity Tracker

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

- Created Figma mockup of Mobile App to track real-time occupancy of nearby Target stores for customers.
- Designed in-car QR-code contactless pickup system.

Spotify Public Queue Feature

BenLin00.github.io/portfolio

- Designed Spotify social feature — publicly shared queue.
- Integrated centralized song recommendations across users.
- Created clickable Figma demo and user personas/stories.
- Roadmapped 10-week timeline with Asana task manager.

Leadership Experience

Office of Multi-Ethnic Student Education (OMSE)

- President, *OMSE Academic Excellence Society (OAES)* — May 2021 - Present
- Logistics Manager, *Student Leadership Advisory Council (SLAC)* — Jan 2021 - May 2021

Skills

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

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