

Objective

I am a student at the University of Maryland, College Park in my Senior year. I am seeking a position as a Software Engineer to further my skills in back end development and gain experience working with skilled developers.

Employment

Sunnyvale, CA	Walmart	Summer 2022
• Software Engineering Intern • Walmart + • Back End •		
<ul style="list-style-type: none">• Orchestration level proof of concept project using Java, Spring, Maven, and GraphQL.• Wrote project in IntelliJ and tested using Postman and Walmart's development web environment.• Agile process flow with two week sprints; JIRA for development planning and Confluence for documentation.• Receive HTTP request, authenticate request, call core API to retrieve necessary data, transform data for FE, and return fields specified by GraphQL query.• Used RestController annotated class for capturing HTTP request, Service annotated class for loading resources and building GraphQL wiring, and DataFetcher class for retrieving and transforming data from core.		

Languages, Technologies, Frameworks, and Environments

• Python • Java • OCaml • C • Swift • Verilog • CAD • Inventor • GraphQL • Spring • Maven • Eclipse • Xcode • IntelliJ • Vivado • VSCode • Postman • Laravel • PHP

Projects

Team	Activate	Fall 2022
<ul style="list-style-type: none">• Tasked with providing a means for teachers to track attendance and participation in classes.• Built a web application with PHP Laravel framework on a Debian server.• Gained experience setting up Laravel and building a back end for a web application.• Gained experience with process, planning, and team coordination.		
Individual	MyTrips	Winter 2021
<ul style="list-style-type: none">• iOS app made entirely with Swift in Xcode.• This app can calculate a route given a start and end location and store that route on an iOS device.• Once routes are stored, they can be viewed, deleted, or exported as a .csv file.• Gained experience building basic iOS apps with both storyboards and programmatic front end.		

Education

College Park, MD	University of Maryland	Fall 2019 – Spring 2023
• B.S. in Computer Engineering • GPA: 3.734 • Academic Honors •		
<ul style="list-style-type: none">• Year 4: Computational Methods, Foundations of Machine Learning• Year 3: Advanced Data Structures, Computer Organization and Design, Linear Algebra, Probability and Statistics, Circuits, Systems and Signal Theory, Verilog• Year 2: C, Assembly, Discrete Math, Algorithms, OCaml, Digital Logic Design, Signal Analysis• Year 1: Object Oriented Java, Data Structures		
Westminster, MD	CC Career and Tech Center	Fall 2017 / Fall 2018
• Project Lead the Way - Engineering •		
<ul style="list-style-type: none">• Year 2: Digital Electronics, CNC Milling, Robotics• Year 1: CAD, Workshop Machinery, Design		

Links

• [Personal Website](#) • [LinkedIn](#) • [GitHub](#)