

EDUCATION

University of Maryland, College Park

Aug 2021 - May 2025

- B.S. **Computer Science**, Minor in Global Engineering Leadership
- Relevant Coursework: Data Structures, Advanced Data Structures, Algorithms, Discrete Mathematics, Linear Algebra, Probability and Statistics, Web Development with Javascript, Computer Systems, Object Oriented Programming I & II

SKILLS

- **Languages:** Python, Java, C, Javascript (Node.js), HTML, CSS, Shell, Ruby, OCaml, Matlab
- **Frameworks/Tools:** React.js, Express.js, Pandas, Git, GitHub, Linux, WSL
- **Hobbies:** Volleyball, Martial Arts, Teaching, Biking, Low-stakes Poker

PROFESSIONAL EXPERIENCE

Computer Science Tutor - **University of Maryland**

July 2023 - Present

- Conducted engaging study sessions and developed tailored lesson plans for 20+ students
- Obtained a total of 60+ tutoring hours and received a 4.9/5 overall rating in student feedback surveys

Software Development Intern - **General Dynamics Information Technology**

June 2023 - Aug 2023

- Researched innovative techniques for obfuscation and deletion of personal data in automobile telematics systems
- Created Python scripts to analyze Toyota telematic files and compare before vs after factory reset of infotainment
- Discovered that phone identifiers, 95% of music history, and all location history remained after reset
- Garnered significant attention and acknowledgment from the company for showcasing and explaining data privacy concerns within the realm of car telematics

Seasonal Sales Lead - **Tommy Hilfiger**

July 2019 - Aug 2022

- Trained and mentored 10 new hires in company processes, product knowledge, and customer service
- Managed and oversaw a 30-member sales associate team: delegated daily tasks/shifts and provided guidance

TECHNICAL PROJECTS

Wordle Clone - *Personal Project*

Nov 2023

- Developed a Python [recreation](#) of the viral web game Wordle, utilizing the Pygame library

Personal Portfolio Website - *Personal Project*

Nov 2023

- Built a [website](#) using React to practice front-end development and animation, including hosting and deployment

Meal Planner - *Personal Project*

Oct 2023 - Nov 2023

- Created a [React app](#) utilizing Spoonacular API to generate weekly meal plans based on user's dietary preferences

Memory Card - *Personal Project*

Sep 2023

- Built a [web app](#) using React to develop a memory game, but with a fun twist involving Pokemon

Maze Runner - *Personal Project*

April 2023

- Created a Java [program](#) that solves mazes as graphs with random weights, employing algorithms like Depth-First-Search, Breadth-First-Search, and Dijkstra's Algorithm for optimal path finding

SCHOOL INVOLVEMENT

Resident Assistant - **University of Maryland**

Nov 2023 - Present

- Undergoing training to be an RA for the 2024-2025 academic year

Software Engineer Mentee | **Hack4Impact-UMD**

Aug 2023 - Present

- Participating in a semester-long boot camp to learn a comprehensive toolkit of full-stack web development skills
- Collaborating within a dynamic team of 5 to craft a full-stack application that involves seamlessly connecting with members' personalized "About Me" pages, utilizing the powerful MERN stack
- Anticipating a role as a software engineer in Spring 2024, contributing to impactful projects for a non-profit organization within an interdisciplinary team of 8

Logistics Organizer | **Bitcamp**

Oct 2022 - Present

- Support Bitcamp's personnel team by recruiting and managing 25+ volunteers to assist in technical workshops
- Partner with the UMD Division of IT to coordinate all technical aspects, such as wifi, audio, monitors, and outlets