

Skills

Python (TensorFlow, pandas, Scikit-Learn)

Java, C

SQL (MySQL, PostgreSQL)

Neo4j

HTML + CSS

PHP

Angular

JavaScript / TypeScript

Power BI

LaTeX

Quick learner

Achievements

Created a device to help identify cryptic lacewing species, research to be presented at Sigma Xi Student Research Showcase in April 2025

1st place in Gravic company hackathon (*Summer 2022*)

Scored 35/36 on the ACT

Volunteer Work

AmeriCorps NCCC, working with the US Forest Service (*July 2024-August 2025*)

Activities

UMD Bug Club

Terrapin Trail Club

Education University of Maryland, College Park (2020-2024)

Major: Computer Science (Machine Learning specialization)

Minors: Mathematics and Entomology

GPA: 3.77 (4.0 scale)

President's Scholarship

Dean's List every semester

Computer Science Honors

Major Related Courses

Machine Learning

Computer Vision

Artificial Intelligence

Multivariate Calculus

Linear Algebra

Algorithm Design

Work Experience

Research Assistant, Parallel Systems and Software Group, UMD
(*April 2023 – May 2024*)

- Aiding development of a programmatic API written in Python to analyze parallel algorithm traces
- Analyzed HPC authorship trends using a Neo4j database

Remark Software Development Intern, Gravic Inc., Malvern, PA
(*Summer 2023, Summer + Winter 2022*)

- Recreated an internal software license tool to use Angular from AngularJS and engineered many desired features
- Solely responsible for revamping a website and database managing customer software downloads
- Trusted to put code into production as an intern
- Created software with C# to connect to a database and automatically generate and fill documents based on the data and template
- Visualized real-time sales data with Power BI
- Designed database architectures and front-end visualizations
- Organized and passed down my knowledge to full-time employees through deliverables and meetings

Teaching Assistant for Introduction to Artificial Intelligence
(*Spring 2023*)

- Responsible for holding office hours, addressing student questions, and grading homework and exams during semester
- Reviewed course material to properly aid students
- Cooperated with professor and other TAs to keep course running smoothly

Online Private Lesson Instructor, iD Tech (*Summer 2022*)

- Tutored students of ages 6-19 in various computer science and math topics (including Java, Python, C++, Scratch)
- Crafted personalized plans for each student to ensure learning and entertainment