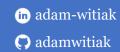
## **Adam Witiak**

✓ witiakadam@gmail.com✓ (610)-241-2205



#### 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

1<sup>st</sup> 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 Artificial Intelligence Linear Algebra Computer Vision Multivariate Calculus 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