

Adam T. Grossberg

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Education

EXPECTED GRADUATION: MAY 2026 (BS)

Georgia Institute of Technology | Computer Science | 3.8 GPA

Relevant coursework: Data Structures and Algorithms, Algorithm Design and Analysis, Database Systems, Object Oriented Programming, Objects and Design, Startup Lab, Discrete Math, Multivariable Calculus.

- Summer 2023 - full semester study abroad in Berlin.

Skills

Technical: Java, Python, JavaScript, SQL, MongoDB, ReactJS, Matlab, HTML, CSS, Version control, Video editing, Photoshop, Microsoft Office.

Other: Team management and leadership, logistics, public speaking, teaching.

Experience

SEPTEMBER 2019 - PRESENT | AMBLER, PA / REMOTE

Various Organizations | Tutor

- Tutored middle school, high school, and college students in Calculus, Physics, Object Oriented Programming, Data Structures, and other related topics.
- Worked with a variety of different ages and abilities, including multiple students with learning disabilities.

JUNE 2020 - JUNE 2022 | AMBLER, PA

Wissahickon Ultimate Frisbee | Founder, Captain, Coach

- Founded, captained, and coached nationally competitive high school program – 2022 Pennsylvania state champions and 7th place at High School Nationals, 42-3 record.
- Created multiple-month development program to teach 50+ beginners the fundamentals and strategy of the sport.
- Raised over \$10,000 through various channels to support season costs for the team.

JUNE 2020 - AUGUST 2022 | LANSDALE, PA

Lansdale YMCA Aquatics | Lifeguard

- Responsible for opening and closing shifts.
- Developed interpersonal skills by training new lifeguards and interacting with clients.

Interests and Achievements

Ultimate Frisbee: World champion with USA Under-20 Men's National Team. Player and Film Officer for Georgia Tech ultimate frisbee varsity. Player for nationally competitive club teams Philly AMP (2021-2022) and Atlanta Chain Lightning (2023).

Outdoors: Hiked many well-known trails, including some in the Grand Canyon, Bryce Canyon, Zion National Park, and the Appalachian trail. Hiked the Malerweg in Germany.

Art: Skills with drawing, ceramics, and Photoshop. Led digital content creation for multiple teams and organizations.

Projects

Team Slackbot | Python, MongoDB, Slack API

Slack app to increase productivity, motivation, and accountability of sports teams.

- Built database system using MongoDB and Pymongo
- Used Slack API to link front- and backend

Simple Airline Management System (x2) | MySQL, Java

Database system and object-oriented program to simulate and track simulated network of airports, airplanes, pilots, and passengers.

- Translated ERD to schema mappings and MySQL scripts
- Collaborated with team of five to fulfill all project functional requirements and meet multiple deadlines
- Transformed project frontend from a console application to a JavaFX GUI