Adam T. Grossberg

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Education

Georgia Institute of Technology | B.S. Computer Science
Relevant coursework: Machine Learning, Data Structures and Algorithms, Algorithm Design and Analysis, Computer Organization and Programming, Computer Systems and Networks, Database Systems, Object Oriented Programming, Objects and Design.
- Summer 2023 - full semester study abroad in Berlin, Germany.

Skills

Technical: Java, Python, JavaScript, C#, SQL, MongoDB, React, NodeJS, HTML, CSS, Git, Mendix, Video editing, Photoshop, Microsoft Office.
Other: Team management and leadership, logistics, public speaking.

Experience

MAY 2024 - AUGUST 2024 | REMOTE
Advanced Group | *Application Development Intern*
- Developed production-level features using Mendix for an enterprise Clinical Trial Management System.
- Utilized Agile development methodologies with a global team of developers to complete requirements.
- Performed exploratory testing and debugging in an enterprise C# Azure application, leading to improved performance and robustness.

MAY 2024 - PRESENT | ATLANTA, GA
Georgia Tech Men's Ultimate Frisbee | *Team Captain*
- Managed interview and selection process of team coaching staff.
- Led discussions to establish team values, ways of working, and organizational structure.
- Spearheaded recruitment efforts to engage with new students and increase program campus presence.
- Cultivated and exemplified team culture of accountability, trust, communication, and performance.

SEPTEMBER 2019 - PRESENT | REMOTE
Independent Tutor
- Created and delivered comprehensive lesson plans in Math, Physics, Programming, and Data Structures
- Tutored students of different levels, including multiple students with learning disabilities.

Projects

Perception and Robotics | *Python (scikit, numpy), Machine Learning, Image Processing*
Series of school projects exploring different areas of robot perception using computer vision.
- Implemented methods such as neural networks, SVMs, and decision trees to process and classify input from robot sensors
- Processed data using numpy, pandas, and scikit-image.

Team Slackbot | *Python, MongoDB, Slack API*
Slack app to increase performance and accountability of sports teams.
- Built a database system using MongoDB and Pymongo.
- Deployed successfully to thirty-member ultimate frisbee team, resulting in increased productivity.

Simple Airline Management System | *MySQL*
Database system to simulate and track a network of airports, airplanes, pilots, and passengers.
- Translated ERD to schema mappings and MySQL scripts.
- Collaborated with a team of five to fulfill all project requirements and meet development phase deadlines using Agile methodologies.

Interests and Achievements

Ultimate Frisbee:
World champion with USA Under-20 Men's National Team. Captain of Georgia Tech men's ultimate frisbee. Player for nationally competitive club teams Philly AMP (2021-2022) and Atlanta Chain Lightning (2023). Coach of youth national champions Philadelphia SEPDA (2024).

Art: Skills with drawing, ceramics, and the Adobe Creative Suite (Photoshop, Premiere, Illustrator). Led digital content creation for multiple teams and organizations.