Oliver Graham

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EXPERIENCE

Carnegie Mellon University Computer Science Academy research assistant

- Helping to create a free cybersecurity course for high school students
- Documentation Review and revision lead
- Ran professional development sessions for teachers

Conducted a research study of AI performance on standardized tests

- Measured the abilities of multiple different LLM systems' performance on the same test, showing their strengths and weaknesses

Adversarial Machine Learning Hackathon

- Prompt engineered the LLMs to go against their directives

Teacher Assistant for AP Computer Science Principles

- Helped run my school's AP CSP course for two years

Peer Help Desk Information Technology Manager

- Set up and provided assistance with technological equipment for students and faculty.

EDUCATION

Carnegie Mellon University

Major: Information Systems, **Minor**: Cyber Security and International Conflict

Relevant Classwork:

- **Principles of imperative computation**
  - Gained experience in memory management, data structures, and compilers
- **Information System Milleneux**
  - Created websites, databases, and conducted market analysis
- **Fundamentals of Programming and Computer Science**
  - Learned backtracking, montecarlo methods, and object-oriented programming

Information Technology Certification
-Western Governors University

Cybersecurity Certification
-Mouse Online Cybersecurity course

SKILLS

Python experience: 4 years

HTML experience: 1 year

Java experience: 1 year

C experience: 1 year

PostgreSQL experience: 1 year

3D modeling experience: 8 years

Additive manufacturing experience: 8 years

Adversarial Machine Learning: 1 year

LLM experience: 2 years

Software beta testing: 5 years

AWARDS

Duquesne University Excellence Award for Computer Science

Quaker Valley Computer Science Award

Clubs

Carnegie Mellon Racing:
- Simulation Driver Training Lead
- Race Operations

Cross Country and Track and Field club:
- Officer, leading recruitment and training

HOBBIES

Game development

Founded a top-ranked esports team

Distance running and racing

Chess

Game Jams