

# Oliver Graham

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## EDUCATION

### Carnegie Mellon University

Majoring in Information Systems

Minoring in Cyber Security

- Fundamentals of Programming and Computer Science
  - Learned: backtracking, Montecarlo methods, object-oriented programming, and efficiency
  - Gained experience in large coding projects
- An Introduction to Technology and War
  - Conducted research on how the offense-defense balance is affected by the cyber domain.
- Reasoning with Data
  - Conducted two projects finding important information, and trends out of large data sets

## SKILLS

- Python experience: 3 years
- HTML experience: 1 year
- Java experience: 1 year
- C experience: 1 year
- 3D modeling experience: 3 years
- Additive manufacturing experience: 3 years
- Adversarial Machine Learning: 1 year
- LLM experience: 2 years
- Software beta testing: 4 years

## CERTIFICATES

- Information Technology Certification given by Western Governors University
- Cybersecurity: Intro to Network Analysis certification given by Mouse Online
- CPR Certified

## AWARDS

- Duquesne University Excellence Award for Computer Science
- Quaker Valley Computer Science Award

## EXPERIENCE

### Teacher Assistant for AP Computer Science

- Proctored tests for students
- Assisted students with coding projects
- Set up school equipment for student use
- Assisted with providing instruction and answering questions

### Adversarial Machine Learning

- Participated in the National Institute of Standards and Technology's Assessing Risks and Impacts of AI hackathon.
- Where users would attempt to force AIs to go against written-in guards in multiple different scenarios

### Peer Help Desk Information Technology consultant

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

### Evening Receptionist

- Set up classes and assisted customers
- Closed down for the night

### Volunteer Track and Cross Country Coach

- Assisted students with track events
- Assisted other coaches with

## HOBBIES

- Carnegie Mellon Racing Team
  - Part of the Race Operations team conducting digital and physical engineering projects along with being one of the slatted competition drivers
- Game development
  - Competed in hackathons and assisted other developers with bug testing
- Founded a top-ranked E-sports team
- Distance running and biking