ANTHONY GORMAN

Chicago, IL

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Education

Liberty University   Lynchburg, VA
Bachelor of Science in Computer Science and Mathematics   *Fall 2021 - Spring 2025*

Experience

Argonne National Laboratory   Lemont, IL
Computer Vision Intern   *January 2023 - April 2023*

- Integrated 7 state-of-the-art object detection algorithms into Python modules to inference on vehicles in various weather conditions.
- Automated model evaluation with Bash scipts that deploy virtual environments and iterate through data directories.
- Presented formal research to a panel of scientistiguing presentation.

Huntington Learning Center   Mokena, IL
Mathematics Teacher   *May 2022 - August 2022*

- Significantly improved SAT and ACT scores of over 10 students through rigorous education.
- Challenged students to think critically through personalized icebreaker exercises.
- Quickly got promoted to train incoming graduates to tutor students in both reading and math.

Liberty School of Engineering   Lynchburg, VA
Assistant Researcher   *March 2022 - December 2022*

- Conducted literature review of surrogate models and summarized content for a doctoral mentor.
- Researched machine learning algorithms for discovering inter-atomic potentials.
- Organized a 7-person research team for a school club to foster academic growth.

AI competition Club   Lynchburg, VA
President   *Fall 2022 - Current*

- Adopted a dying club with no returning members and quadrupled expected attendance (5 members to 20 active members).
- Advertised club to all lower-level computer science classes.
- Rebranded from Kaggle Club to Artificial Intelligence Competition Club.

Personal Projects

Resume Builder- github.com/AnthonyGorman/ResumeBuilder   Winter 2023

- Using a Go backend, Resume Builder collects input fre user and creates a LaTex resume.

YOLO Demo- github.com/AnthonyGorman/YOLODemo   Spring 2023

- The YOLO Demo was a project done to learn the markdown language and to teach object detection to the AI Competition Club.

Technical Skills

Languages: Go; Python; C++; Java; SQL; x86 Assembly (Linux)
Developer Tools: Visual Studio (Code); Anaconda; Cypress; Codeium; Git