# Annie O'Connor

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## Programming Skills:

- **Languages(Advanced):** C, Java, VHDL
- **Languages(Intermediate):** JavaScript, HTML
- **Languages(Beginner):** Python,

## Experience:

**Outlier, Online -AI Fact Checker**

June 14 2024-Present

- Ability to work productively with minimal supervision
- Strong written communication skills through a written review for each task
- Demonstrated detail orientation through analyzing AI prompts

**Union Drive Marketplace, ISU** - *Student Worker*

Jan 2023 - Present

- Demonstrated punctuality and responsibility while managing various stations
- Collaborated efficiently with a team to accomplish tasks efficiently

**Barraco's Restaurant, Chicago, IL** - *Phone Operator*

May 2023 - Aug 2023

- Proficient in solving customer issues and demonstrated communication skills for effective customer interaction
- Met deadlines in a fast-paced environment and adapted to handling multiple responsibilities simultaneously while maintaining attention to detail

**Argonne National Advisory Board, Argonne National Laboratory** - *Student Advisor*

Aug 2020 - May 2022

- Reviewed outreach programs aimed at engaging students interested in science at Argonne National Laboratory
- Learned from experienced scientists about the engineering field

**COMS 228: Data Structures**

- Studied advanced Java structures and databases.
- Implemented abstract data types (stacks, queues, lists, sets, trees) using data structures like arrays and pointers.
- Gained proficiency in object-oriented programming principles: inheritance, polymorphism, and abstraction.
- Developed and designed software applications utilizing these concepts.

**CPRE 288: Embedded Systems**

- Conducted advanced C programming in a team setting.
- Organized and processed sensor data for object recognition and avoidance in robotics.
- Designed user interfaces for robotic control systems.
- Learned to convert C code into Assembly and Binary and configured microcontroller registers for data communication.

**COM S 309: Software Development**

- Collaborated in a team to develop applications with both frontend and backend components.
- Utilized Spring Boot and Android Studio for app development.
- Created a Java-based application, including server setup, API development, and user interface design.

**CPRE 381: Computer Org. & Assembly Level Programming**

- Collaborate with a partner to design a MIPS processor to run assembly instructions

## Education:

**Iowa State University,** Ames, Iowa–*Computer Engineering –Minor: Chinese*
Aug 2022 - PRESENT-Graduation: May 2026                GPA:2.23

**Mother McAuley Liberal Arts High School,** Chicago, Illinois — *High School Diploma*
Aug 2018 - May 2022                GPA: 3.56

## Professional Skills:
Web development: Bootstrap, PDF.js
Systems: Git, Linux, Excel, Windows
Hardware: MIPS architecture, pipelining

## Portfolio:

https://annieo10.github.io/portfolio/