

# Ashley Bigelow

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Ithaca, NY 14850

## Education

**Cornell University, College of Engineering**  
Bachelor of Science in Computer Science

Ithaca, NY  
May 2023

**Related Courses:** Introduction to Computing using Python, Object-Oriented Programming & Data Structures (Java), Calculus I & II, Discrete Structures, Data Structures and Functional Programming, Operating Systems, Theory of Algorithms, Computer System Organization, Foundations of Artificial Intelligence

## Technical Skills

- **Back-end Development Tools:** Python, Java, OCaml, C, Node.js, React.js
- **Front-end Development Tools:** HTML, CSS, JavaScript
- **Developer Tools:** Git, GitHub, VS Code, Eclipse, & Atom
- **Database Tools:** SQL, SQLite, Flask and SQLAlchemy
- **Microsoft Office Suite:** Excel, Word, & PowerPoint

## Relevant Project Experience

**Combat Robotics at Cornell Website**

September 2021 – May 2022

Club Project, Combat Robotics at Cornell

Ithaca, NY

- Implemented the foundation of a new website from scratch using HTML, CSS, and JavaScript
- Collaborated with a team of four to create different functions and features
- Designed and developed the layout of the home and navigation pages while collaborating with group members
- Synthesized complex concepts to help team members learn how to use GitHub

**Chat App**

May 2023 – July 2023

Independent Project

Ithaca, NY

- Designed and programmed a website designed to allow users to communicate through a server
- Implemented frontend web design along a server using JavaScript and Node.js.

**Cornell AI Project, Connect 4**

September 2022 – December 2022

Practicum in Artificial Intelligence, Cornell University

Ithaca, NY

- Created an algorithm using Python that was able to use different heuristics to calculate the best move
- Evaluated the AI with different heuristics to test the functionality and improved efficiency

## Additional Experience

**Alpha Phi Omega Service Fraternity**

Ithaca, NY

Executive Member/ Director of Pledging

September 2022 – December 2022

- Planned and promoted the recruiting process for the semester
- Oversaw the new member process and led weekly meetings for 30+ new members
- Managed new member progress and ensured members were in good standing

Member

September 2021 – May 2023

- Attended service events for both the Cornell campus and the Ithaca community
- Hosted events designed to increase member connections and involvement

**Combat Robotics at Cornell**

Ithaca, NY

Market Team Member

September 2021 – May 2022

- Identified and contacted potential sponsors and increased sponsorship funding for the semester

## Professional Experience

**Target, Fulfillment Expert**

August 2020 – August 2022

**North Eastern Pool and Spa, Retail Associate**

May 2020 – September 2020