# Ashley Bigelow

585-749-0606 ● arb395@cornell.edu ● https://ashleybigelow.github.io
Ithaca, NY 14850

## Education

**Cornell University, College of Engineering** <span style="float:right">Ithaca, NY</span>
Bachelor of Science in Computer Science <span style="float:right">Expected May 2023</span>

**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, & Object-Oriented Programming
- **Front-end Development Tools:** HTML5, CSS3, JavaScript
- **Developer Tools:** Git, GitHub, VS Code, Eclipse, & Atom
- **Database Tools:** SQL, SQLite
- **Microsoft Office Suite:** Excel, Word, & PowerPoint

## Project Experience

**Combat Robotics at Cornell Website** <span style="float:right">September 2021 – May 2022</span>
Club Project, Combat Robotics at Cornell <span style="float:right">Ithaca, NY</span>
- Implemented the foundation of a new website from scratch
- Collaborated with a team of four to implement the different functions and features
- Mainly focused on layout of the home page and navigation
- Taught other members how to use GitHub

**Fitness Website** <span style="float:right">May 2022 – July 2022</span>
Independent Project <span style="float:right">Ithaca, NY</span>
- Created a website designed to track a user's fitness progress
- Implemented both frontend web design along with backend database to save user information

**Cornell AI Project, Connect 4** <span style="float:right">September 2022 – December 2022</span>
Practicum in Artificial Intelligence, Cornell University <span style="float:right">Ithaca, NY</span>
- Created an algorithm that was able to use different heuristic to choose the best move
- Made the AI play against itself with different heuristics to test the functionality and make improvements

## Extracurricular Activities

**Alpha Phi Omega Service Fraternity** <span style="float:right">Ithaca, NY</span>
Member <span style="float:right">September 2021 – May 2023</span>
- Attended service events around the campus and Ithaca community
- Hosted events designed to increase member connections and involvement

Director of Pledging <span style="float:right">September 2022 – December 2022</span>
- Oversaw the recruiting process for the semester
- Oversaw the new member process, including leading weekly meetings
- Kept track of new member progress and ensured members were in good standing

**Combat Robotics at Cornell** <span style="float:right">Ithaca, NY</span>
Market Team Member <span style="float:right">September 2021 – May 2022</span>
- Help coordinate with sponsors and code the website

## Past Work Experience

**North Easter Pool and Spa**, Retail Associate <span style="float:right">May 2020 – September 2020</span>
**Target,** Fulfillment Expert <span style="float:right">August 2020 – August 2022</span>