

# Cassandra “Cassie” Davidson

North Easton, MA | 508-261-5644 | [cassied1028@gmail.com](mailto:cassied1028@gmail.com) |  
[www.linkedin.com/in/cassandra-davidson1028](https://www.linkedin.com/in/cassandra-davidson1028) | <https://cassied1028.github.io/>

## EDUCATION:

**Skidmore College**, Saratoga Springs, NY

Anticipated Graduation: May 2025

BA., Major in Computer Science, Minor in Biology

Dean's List & Thoroughbred Society (Fall 2021, Fall 2022, Spring 2023)

Cumulative GPA: 3.791, Major GPA: 3.945

## COMPUTER SKILLS

*Programming languages:* Java(expert), Python(expert), Swift(proficient), C++, C, React Native, HTML, JavaScript, MATLAB, Perl

## PROJECT & WORK EXPERIENCE:

**Computer Science Research**, Skidmore College, Dr. Aarathi Prasad

May-August 2023

- Completed 10 week-long collaborative research to learn about children's understanding of their safety online
- Learned React Native, HTML, and JavaScript to design and build a social media app dedicated to young children where they can safely interact with peers while also being educated about the importance of privacy
- Presented at a poster including a demo of the app built at the Skidmore summer faculty-student research symposium.

**Computer Science Research**, Skidmore College, Dr. Aarathi Prasad

September – December 2022

- Completed semester-long research to understand people's understanding and opinions on genetic testing as well as the possible beneficial and malicious uses of genetic testing
- Read academic articles and conducted a literature review based on findings

**Computer Science Research Assistant**, Skidmore College, Dr. Aarathi Prasad

March - May 2022

- Assisted in a semester-long research project focused on managing people's problematic smartphone use.
- Conducted a pilot user study to evaluate effectiveness of our methods and summarized results using Python to create graphs from csv files
- Presented a poster at the Skidmore Academic festival 2022

## LEADERSHIP & ATHLETICS:

**Peer Academic Coach**, Skidmore College, Brenda Pashley

Fall 2022-present

- Participated in training classes to improve tutoring practices and learn new tutoring techniques
- Worked with a varying level of students to increase their understanding with computer science concepts
- Administered feedback to students using positive reinforcement techniques to encourage and build confidence

**Women's Basketball Team**, Skidmore College, Jessica Turner

September 2021 - present

- Committed 30 hours a week of training, practicing, watching film, and traveling to games while maintaining a full course load
- Developed leadership skills and a strong work ethic to meet personal and team goals

## HONORS & AWARDS:

**Schupf Scholar Program**

May 2023

- Awarded to female students in science fields where they are underrepresented and who will complete 10 weeks of summer research

**Academic All District Basketball Team**, Skidmore College

February 2023

- Awarded to the nation's top student-athletes for combined performance on the court and in the classroom