Cassandra "Cassie" Davidson

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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

PROJECT & WORK EXPERIENCE:

Computer Science Research, Skidmore College, Doctor 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

Computer Science Research, Skidmore College, Doctor Aarthi 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 wrote a research paper based on findings

Computer Science Research Assistant, Skidmore College, Doctor Aarathi Prasad   March - May 2022
- Assisted in a semester-long research project on the relationship between people and their phone use
- Conducted a small-scale user study and summarized results using python to create graphs from csv files
- Presented a poster presentation based on five participants testing the usage and efficiency of an iPhone app

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 variety of 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
Athlete
- 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

SKILLS

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