Ashton Michelstein

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OBJECTIVE: Aspiring software engineer seeking a co-op/internship position for Spring 2025 where I can apply my programming experience in Java, Python, JavaScript, C, and SQL. Eager to contribute to innovative projects, leveraging my hands-on experience from a variety of projects and coursework.
Available from January to June 2025.

EDUCATION

Rochester Institute of Technology   Rochester, NY
Bachelor of Science, Software Engineering | Minor in Cybersecurity
GPA: 3.78 | Dean's List | Expected Graduation: May 2027

SKILLS

Programming Languages: JavaScript, Python, TypeScript, Java, SQL, C, HTML, CSS
Frameworks and Tools: Angular, Next.js, React, Git, PostgreSQL, Flask, MySQL, Axios, Spring Boot

PROJECTS

DegreeMap, Personal Project   April 2024 - Present
- Leading the creation of an interactive flowchart that allows students to plan and manage their academic courses.
- Utilizing Spring Boot, React, and MySQL to build a scalable and flexible full stack application.
- Implementing RESTful APIs for seamless communication between the front-end and back-end.

Society of Software Engineers Website Rebuild, Club Project   August 2023 - August 2024
- Co-led the front-end development team, assigning tasks to members and ensuring timely completion of new features.
- Redesigned the Society of Software Engineers website using the Next.js framework.
- Created a dynamic, professional front-end using HTML, CSS, and DaisyUI.

U-Fund Application, Intro to Software Engineering   August 2023 - December 2023
- Developed a full stack application with a team of four using Java, TypeScript, and Angular.
- Employed agile development practices including weekly stand-ups and sprint retrospectives to promote iterative development.

EXPERIENCE

Cardinal Health, Warehouse Associate   December 2023 - April 2024
- Collected and packaged medicinal items for shipment with efficiency and accuracy.
- Collaborated with team members to identify and solve logistical challenges, fostering a culture of continuous improvement and teamwork in the warehouse environment.

LEADERSHIP

Society of Software Engineers, Outreach Committee   January 2023 - May 2023
- Conducted weekly meetings aimed at enhancing engagement with prospective new students.
- Facilitated informative Q&A sessions with over 100 prospective students, offering guidance and answering questions about the school.

Prakses, "Village Well" Organization Team   September 2021 - October 2021
- Managed the organization of donated goods and moved supplies to designated areas for residents of Leimert Park, CA.
- Gathered and distributed essentials like food, hygienic products, and clothes to those in need.