

# Ashton Michelstein

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**OBJECTIVE:** Aspiring software engineer seeking a co-op position for Fall or Summer 2024 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 May to December 2024.

## **EDUCATION**

### **Rochester Institute of Technology**

Rochester, NY

Bachelor of Science, Software Engineering

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

## **PROJECTS**

### *Prakses Chat Bot*, Personal Project

December 2023 - Present

- Working with Dr. David Najar (founder of Prakses) to create an AI chatbot that offers assistance to students within the Prakses program.
- Leveraging the OpenAI API to develop the chatbot with information provided by Dr. Najar.
- Collaborating with a group of 4 Prakses alumni to implement the bot in the Prakses website.

### *Society of Software Engineers Website Rebuild*, Club Project

August 2023 - Present

- 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 Lead

September 2021 - October 2021

- Oversaw the "Village Well" initiative as Organization Lead, managing the collection and distribution of donated goods for residents of Leimert Park, CA.
- Gathered and distributed essentials like food, hygienic products, and clothes to those in need.
- Directed fellow Prakses students to distribute supplies to designated areas efficiently.