

Software Engineer with skills in designing flexible systems, refactoring existing codebases, and iterative development for positive engineering results

Seeking Co-Ops for May – December 2025

## EDUCATION

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BS, Software Engineering (Rochester Institute of Technology) GPA: 3.19/4.00

May 2027

## SKILLS

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**Design:** UML, Figma, draw.io

**Languages:** Java, JavaScript, HTML, CSS, Python.

**Frameworks:** React.JS, Next.JS, Tailwind.

**Deployment:** Junit, pytest, GitHub, GitLab

## RELEVANT EXPERIENCE

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*HoloCap*, Club Project for Society of Software Engineers

January 2025 – May 2025

Planned as a Heads-Up Display to help hearing-impaired students understand professors or other students in situations where a sign-language interpreter was difficult or unavailable.

- Designed for the **Microsoft HoloLens 1** using **ONNX Runtime Web**, **Silero VAD**, and the **OpenAI Whisper** open-source model. Made with Typescript for maintainability and using JavaScript's benefit of future scalability
- Maintained high levels of accuracy with a speaker, tested with real-life scenarios and conversations

**Tools:** ONNX Runtime, OpenAI Whisper (open source), Next.JS, Tailwind, Express.JS

*SSE Website Rebuild*, Club Project for Society of Software Engineers

January 2025 – May 2025

Due to the Society of Software Engineers (SSE) lacking an up-to-date user interface and website, this project helped to revitalize the website with **modern infrastructure** and technology.

- Responsible for the Project page, designed with modern aesthetics and technology in mind
- Collaborated with other teammates, utilizing **iterative development** to make sure development is efficient and productive

**Tools:** Next.JS, Tailwind, Trello, AGILE, Typescript

*COMIX*, Class Project for Engineering of Software Subsystems

August 2024 – December 2024

A project that uses **design patterns** that with **high reusability** in mind, using industry standard blueprints to promote development and increase maintainability

- Planned with industry standard "design patterns", creating scalable and maintainable code
- Used GitHub to release different artifacts, updating old code while also developing new features

## PROFESSIONAL EXPERIENCE

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*Mentor*, Society of Software Engineers

January 2025 – Present

- Helped other fellow classmates with assignments, parsing code and offering advice
- Socialized with other club members and classmates, creating a productive and innovative environment that springs up projects like HoloCap

*Fitness Assistant*, Louis S. Wolk Jewish Community Center of Greater Rochester

December 2023 – Present

- Conversed with members to help establish an environment of productivity and positivity
- Helped with training new staff on day-to-day operations