

# Ayden Boyko

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<https://ayden-boyko-website.vercel.app/>

## Education

**Rochester Institute of Technology**, Rochester, NY

BS, Software Engineering (expected May 2026)

Minor, Applied Statistics

## Related Coursework

Data Structures and Algorithms

Embedded Programming

Linear Regression

Software Project Management

Web Development

UX/UI Design

## Skills

### Languages:

Python, Java, C, JavaScript, TypeScript, pg-SQL, Golang

### Tools:

VS Code, Git, Docker, Postman, Gitlab, pg-Admin, MongoDB Atlas, GCP

### Frameworks:

Flask, Nodejs, Angular, Bootstrap, React, Nextjs, Bootstrap, Pytest, Junit

## Notable Projects

### Rideshare URL Full-Stack Web AppShortener HTTP Server

[https://github.com/ayden-boyko/Full\\_stack\\_rideshare](https://github.com/ayden-boyko/Full_stack_rideshare)

Developed a platform for users to find rides and chat with drivers. Includes ability to review rides and a commenting system between riders and the drivers.

Frameworks: Flask, React, SupaBase DB

Languages: pg-SQL, Python, JavaScript, CSS, HTML.

### Chatroom Full-Stack Web App

<https://github.com/ayden-boyko/MyChat>

Created a real-time communication tool which allows users to friend others, join groups, and message directly.

**Frameworks:** React, Tailwind CSS, Shadcn, using MongoDB, Node.js, and Express.

**Languages:** JavaScript, TypeScript, CSS, HTML.

## Professional Experience

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### Rochester Institute of Technology | Rochester, NY | Software Engineering Intern

January - May 2025

- Developed a senior project system, collaborating with team members to design, implement, test, and deploy software.
- Wrote clean, maintainable code, resolved technical issues, and participated in code reviews to improve development processes.
- Created comprehensive documentation for system functionalities to support maintenance and scalability.

### MyDataProduct | Software Engineering Intern

MyDataProduct develops AI-powered tools that streamline user-generated content processing, focusing on photo editing, thumbnail creation, and headshot generation to support efficient and scalable content workflows.

July - Sept 2024 (Remote)

- Enhanced data processing reliability by resolving API issues and creating a backup solution, ensuring consistent performance even when third-party services were unavailable.
- Led collaborative efforts with design and project teams to achieve a major frontend overhaul, significantly improving interface consistency and modularity.
- Strengthened backend systems by developing features for real-time data handling and secure user authentication, delivering dependable, client-centered applications.
- Documented workflows and technical processes to provide clear, maintainable references for future development, ensuring consistency across the development lifecycle.