

## AYDEN BOYKO

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## EDUCATION

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

**Expected graduation:** May 2026

Bachelor of Science in Software Engineering, Minor in Applied Statistics, 4th year

## RELATED COURSEWORK

Data Structures and Algorithms, Web Development, UX/UI Design

## SKILLS

- **Languages:** Python, Java, C, JavaScript, TypeScript, pg-SQL
- **Tools:** VS Code, Git, Docker, Postman, Gitlab, pg-Admin, MongoDB Atlas
- **Frameworks:** Flask, Nodejs, Angular, Bootstrap, React, Nextjs, Bootstrap, Pytest, Junit

## EXPERIENCE

**The Coder School, San Francisco, CA**

*Coding Instructor | June 2022 – Present*

- Teach youth coding, primarily in Python, to foster problem-solving and analytical thinking skills in a hands-on learning environment.
- Mentor students through project development, guiding them from foundational concepts to building diverse projects, such as simple games and complex RPGs.
- Tailor teaching approaches to accommodate different age groups and learning styles, creating an engaging and supportive atmosphere that encourages curiosity and confidence in coding.

### **MyDataProduct**

*Data Product Engineering Intern | July 2024 – September 2024*

- 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.

## PROJECTS

**Rideshare Web App, Personal Project** [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.
- Built with Flask, React, SupaBase DB, using a REST API and Postgres database.
- Languages: pg-SQL, Python, JavaScript, CSS, HTML.

**Chatroom Web App, Personal Project** <https://github.com/ayden-boyko/ChatRoom>

- Developed a real-time chat application supporting one-on-one and group interactions, with a notification system to enhance user engagement.
- Designed with React, Tailwind CSS, Shadcn, using MongoDB, Node.js, and Express.
- Languages: JavaScript, TypeScript, CSS, HTML.

**Bluetooth Messenger, Academic Project** [https://github.com/ayden-boyko/BLE\\_Messenger](https://github.com/ayden-boyko/BLE_Messenger)

- Developed a messenger program that facilitates communication over BLE
- Built with STM IDE, using an STM wb55rg (radio & BLE) board.
- Languages: C