Quinton J. Miller

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Motivated Software Engineering student seeking a full-time summer or fall 2025 co-op in backend development, full-stack engineering, or software systems.

SKILLS

Languages: Java, Python, C, C++, HTML, CSS, TypeScript, VHDL, JavaScript, ARM Assembly
Frameworks: Angular, React, Flask
Databases: PostgreSQL, Mongoose

EDUCATION

Rochester Institute of Technology — *Rochester, NY*
Bachelor of Science, Software Engineering, Expected May 2027, GPA: 3.2

- Researching routing algorithms as a part of RIT's Quantum Computing Research Group.
- Collaborating in multiple teams using Agile methodologies to develop software for course credit.
- Minors in Computer Engineering and Mathematics.

PROJECTS

Triumvirate Online — *Web Application*
December 2024 - Present

- Developing a full-stack web application using Mongoose, JavaScript, and Angular.
- In-progress and open-source implementation of an original card game named "Triumvirate".

Tiny Towns — *API*
March 2024 - October 2024

- Designed and implemented a robust API to model intricate board game mechanics.
- Applied object-oriented principles to develop this open source Java project.

EXPERIENCE

Rochester Institute of Technology — *Rochester, NY*
Course Assistant, August 2024 - December 2024

- Assessed over 50 programming assignments per week and provided detailed feedback.
- Conducted tutoring sessions to reinforce programming concepts and problem-solving skills.

Lavner Education: Tech Revolution — *Cherry Hill, NJ*
Instructor Intern, June 2024 - August 2024

- Taught programming, game development, and 3D modeling to students ages 6-14.
- Managed inventory and led students in a wide variety of activities.

Van Cleef Engineering Associates — *Hamilton, NJ*
Information Technology Intern, January 2023 - June 2023

- Created a naming system for 10,000+ documents that increased productivity of our team.
- Worked with IT technicians and fellow interns to set up various hardware systems.
- Imaged computers for deployment and constructed workstations.

VOLUNTEER

NJTLT Minecraft Education Edition Program — *Remote*
Senior Mentor, April 2021 - Present

- Teaching children ages 8-14 moral values and technical skills through Minecraft projects.
- Conversing with Bloomberg professionals who present to students during the program.
- Leading curriculum development to be more technically inclined.