

Anthony Fabius

+1 (347) 272-8442 | Nesconset, NY | afabius05@gmail.com | [LinkedIn](#) | [Github](#) | [Google Scholar](#) | [Website](#)

EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

Masters of Science in Computer Science

Aug. 2026 — May 2027

Anticipated Thesis: Advancements for Deterministic and Semi-Streaming Correlation Clustering

Advisor: Prof. Chen Wang

Rensselaer Polytechnic Institute

Troy, NY

Bachelors of Science in Computer Science

Aug. 2022 — May 2026

Coursework: Algorithms (I & II), Graph Theory, Approx. Algorithms, Randomized Algorithms, Linear Algebra

PROFESSIONAL EXPERIENCE

Student Researcher

April 2024 — Present

Rensselaer Polytechnic Institute

Troy, NY

- Conducting theoretical research, focusing on design and analysis of algorithms for the Correlation Clustering problem.
- Design and developed random graph generators for the minimum chromatic number and matching graph problems.
- Co-authored 2 research papers based on project outputs, and presented findings at a conference.

Software Engineer Intern

May 2026 — Aug. 2026

Everpure

Santa Clara, CA

- Designed and built an end-to-end event monitoring system propagating storage-product events natively into Kubernetes.
- Build a custom GUI dashboard giving engineers and customers a consumer-friendly view of life per-device event streams.
- Developed a dual-mode testing harness for production and local validation, reducing deployment risk

Software Engineer Intern

May 2025 — Aug. 2025

Google

Sunnyvale, CA

- Enhanced mobile user experience with client side cache deployed to +2 billion android devices.
- Improved device setup and mobile user account sign-in flow with low latency client side APIs.
- Increased user privacy via an on device storage and interfacing protocol.

Software Engineer Intern

May 2024 — Aug. 2024

Everpure

Santa Clara, CA

- Enhanced customer and developer insights by creating and deploying a file metadata analysis tool for a flagship product.
- Achieved millisecond-level analysis & visualization fo petabytes of data leveraging DuckDB and Python.
- Developed and intuitive GenAI-powered querying interface for efficient, conversational data analysis.

SOFTWARE PROJECTS

Co-Creator and Project Lead, ParadiseOS (<https://github.com/ParadiseOS/ParadiseOS>)

Jan. 2024 — Present

- Developed a x86, 32-bit, general-purpose micro-kernel operating system in C from boot, working with a team of 3.
- Designed and implemented a custom binary format, a unique IPC protocol, and process hot-swapping functionality
- Utilized Docker and Qemu to virtualize and run the OS allowing for a unified dev environment and seamless integration.

TECHNICAL SKILLS

Programming Languages: C, C++, Golang, Java, Kotlin, Python, SQL, Zig

Technologies: Docker, Git, Kubernetes, Linux (Ubuntu), Nodejs, Qemu

HONORS AND AWARDS

- **Class of 1902 Research Prize**, Rensselaer Polytechnic Institute, Troy NY, 2026
- **Paul A. McGloin Prize** (Outstanding student in Computer Science), Rensselaer Polytechnic Institute, Troy NY, 2026
- **Deans List (x6)**, Rensselaer Polytechnic Institute, Troy NY, 2023 - 2026