Corey **W Gross**

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Education

Rochester Institute of Technology   *Rochester, NY*

Bachelor of Science, Computer Science, Magna Cum Laude   *May 2024*

Dean's List: Spring 2019-20, Fall and Spring 2020-21, Fall 2021-22, Fall and Spring 2022-23, Fall 2023-24

Overall GPA: 3.7

Skills

Languages & Frameworks: Java, Python, JavaScript/TypeScript, Vue, Express, Pandas, C#/.NET, SQL, C, C++, HTML, CSS, REST APIs, WebSockets, Svelte

Operating Systems: Microsoft Windows, Android, Linux

Tools: Jetbrains Suite, VS Code, GitHub/Git, Trello, Azure DevOps, Docker, Microsoft Office, GSuite, Maven, Agile, REST, MongoDB, PostgreSQL, SQLite, VMWare, Postman, VueCLI/Vite

Work Experience

Software Developer Co-op   *Rochester, NY*

Fujifilm North America Corporation   *Jan 2024-May 2024*

- Participated in project planning, design, and development for the implementation of new photo print lab management software.
- Implemented developer facing UIs from scratch for displaying and mutating data in our NodeJS microservices.
- Inherited non-functional printer interface code from a more senior former developer and brought it into a working (printing) state.

Software Developer Co-op (two blocks)   *Rochester, NY*

Fujifilm North America Corporation   *Jan 2022-Aug 2022*

- Worked in a fast-paced team environment designing and developing next-generation photo printer kiosk software that is used in thousands of stores nationwide.
- Full stack. Everything from customer facing UI HTML, CSS, and JavaScript to low level C# next to printer interfaces.
- Daily stand-up meetings to keep team members on the same page and the tasks on track.

Projects

Viewer Queueing Application, *Personal Project*   *March 2023-May 2023*

- A username queueing system used during livestreamed events. Allowed users to submit their names to a queue, and selected them using weighted randomness.
- Frontend user interface written in VueJS using Socket.IO for real-time updates. Backend ExpressJS webserver using a Google Firestore NoSQL database for data persistence.

Homelab Server, *Personal Project*   *Feb 2023-present*

- A home media/automation server + NAS built out of a Dell OptiPlex SFF PC. Running on Unraid with every application Dockerized. Some applications are from the Community, some are custom.
- Serves as a home file storage server, media and web server, and manages home automation devices.

Interactive Checkers Webapp, *Academic Project*   *Feb 2021-Apr 2021*

- Collaborated in a group of four using Agile methods to design and develop a multiplayer Checkers Webapp
- Functionality to play a full game of checkers between two people, as well as replay mode and spectator mode.