

Samuel Rawdon

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EDUCATION

New York University

B.A. in Computer Science | Minor in Mathematics, Minor in Philosophy

Study Abroad: NYU Paris – Paris, France | Fall 2024

Relevant Coursework: Data Structures, Computer Systems Org, Operating Systems, Algorithms, Agile and DevOps, Software Engineering, Data Management and Analysis, Computer Networking, Applied Internet Technology

Extracurriculars: D1 Ultimate Frisbee Team, WNYU College Radio, Intramural Flag Football, Soccer, and Futsal

Expected Graduation: May 2026

New York, NY

Saint Paul Academy

High School Degree

Relevant Coursework: Independent Project in CS, Advanced Programming I, Advanced Programming II

Aug 2018 - Jun 2022

Saint Paul, MN

SKILLS

Languages: C# | C | Java | JavaScript | Python | SQL | CSS | HTML

Frameworks & Tools: ASP.NET | Blazor | Express | React | Node | Flask | Pandas | NumPy | Git | SVN

Databases: SQLite | MSSQL | MySQL | MongoDB | PostgreSQL

EXPERIENCE

Software Engineer Intern

Incisive Computing Solutions

May 2024 - Present

Remote

- Build core functionality for the company's next-gen **Blazor** web app end-to-end (pages, complex forms, dynamic grids, reusable components, dialogs), ensuring feature parity with legacy while improving maintainability.
- Design and implement API routes and service-layer logic in **C# / ASP.NET / SQL**, wiring the new Blazor UI into existing legacy endpoints and data flows to support modernization without breaking production behavior.
- Developed and launched a CRM system used by 200+ companies using **C#, SQL, ASP.NET**, and **WinForms**, delivering analytics, data persistence, and polished UI workflows.
- Improve quality and release confidence through feature testing, regression coverage, and hands-on edge-case validation; contribute in **Agile/Scrum** ceremonies (backlog grooming, sprint planning, standups, retros) and provide actionable feedback in implementation reviews and customer calls.

Software Engineer Intern

Cybertrol Engineering

May - Jun 2022

Plymouth, MN

- Built and refined PalletWorks functionality in **Java** as part of a 4-person engineering team.
- Updated front-end styling with **JavaScript/HTML/CSS** to improve usability and visual consistency.
- Participated in product/marketing meetings to help shape positioning and next-step feature direction.

PROJECTS

Pitchdeck — JavaScript, HTML/CSS, Flask, MongoDB,

Dec 2025

- Partnered with a team of five using the scrum framework to build a full-stack job board web app that scrapes FAANG job boards into **MongoDB** and delivers personalized matches via a **Flask API** and **JavaScript** front end.
- Developed a dynamic homepage surfacing recommended, trending, and live listings with fast client-side filtering and clean UI state management; implemented **Flask** data models and API routes to persist user preferences, query live jobs, and normalize scraped postings into consistent, user-facing job cards.
- Engineered the job relevance-ranking algorithm that weights user preferences and job attributes to score and order scraped postings into personalized recommendations.

Cache — JavaScript (Express, React, Node), MongoDB

Feb - May 2025

- Collaborated with a 4-person Scrum team to build a full-stack online catalog for WNYU Radio's physical media collection, including music discovery features and staff/admin management workflows.
- Delivered core UX features including the homepage, search flow, animated album carousels, interactive slide-out menus, and complete favoriting and account/auth systems across the **React/Express** stack.
- Designed **MongoDB** schemas and **Express API** routes for albums, users, favorites, and admin actions, ensuring reliable data integrity and fast queries.