

Rhamsez Thevenin

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Education

Bachelor of Science in Software Engineering

Rochester Institute of Technology

May 2025

Rochester, NY

3.56/4.00 GPA

Dean's List (Fall 2020, Fall 2021, Fall 2022, Spring 2024)

Work Experience

Software Engineering Teaching Assistant

Rochester Institute of Technology

Aug. 2024 – Present

Rochester, NY

- Assisted with the technical aspects of course delivery, ensuring smooth operation and addressing any issues promptly.
- Evaluated student assignments and coordinated discussions, providing constructive feedback and fostering engagement.
- Guided students in accessing course materials and supported the professor with various tasks, enhancing the learning experience.

Software Engineer Co-Op

IDI Billing Solutions

Jan. 2023 – Dec. 2023

Victor, NY

- Collaborated with a team of six to develop web applications and services, improving operational efficiency.
- Researched and evaluated new technologies, streamlining development processes.
- Communicated project progress to supervisors and stakeholders using Agile practices.

Software Engineer (Contractor)

Midnight Mansion

Sep. 2022 – Dec. 2022

Boston, MA

- Co-developed and maintained websites for MIT's "Product Engineering Processes" course, enhancing educational tools and student interaction.
- Worked with a team of four to transform prototypes into functional, responsive web pages, improving access for startup staff and public consumers.

Relevant Projects

Earth History Navigator

Aug. 2024 – Present

An Interactive application that allows users to explore the Earth's history through an intuitive user interface. Users can navigate to specific periods and geographical areas to discover events, cultural developments, and significant occurrences in a visually engaging manner.

- Designed an intuitive and visually engaging user experience by using Figma.
- Developed with Three.js, Vue.js, and Vite to create an interactive 3D model of the Earth and the user interface.
- Ran GitHub Actions for CI/CD, published Docker Container to Azure, then deployed to an Azure VM.

Tools: Visual Studio Code, Vite, Vue, Node.js, Azure, Docker, Git, Figma

Fitness and Nutrition Tracker

May. 2024 – Present

A comprehensive fitness and nutrition tracker aimed to help users monitor their dietary intake and physical activities, providing valuable insights to improve their health and fitness.

- Used top-down database design for back-end and Component-Driven Development (CDD) for front-end.
- Built with MEAN stack: developed RESTful APIs using Node.js and Express.js and created a dynamic UI with Angular.
- Conducted functional testing and identified and fixed bugs through iterative cycles.
- Ran GitHub Actions for CI/CD, published Docker Container to Google Cloud, then deployed to Google Compute Engine.

Tools: Visual Studio Code, MongoDB, Express.js, Angular, Node.js, Google Cloud, Docker, Git

MIT 2.009 Websites

Sep. 2022 – Dec. 2022

An academic website for semester-long course updates and peer reviews alongside a secondary site for final presentations and attendance tracking, improving course engagement and operational efficiency.

- Integrated backend APIs with databases and office tools to automate data handling and enhance information accessibility.
- Designed web pages that effectively displayed course results and student contributions, enhancing the visibility of educational achievements.
- Published a mobile application on GitHub for public review, facilitating feedback and continuous improvements.

Tools: Visual Studio Code, React.js, Node.js, Next.js, PostgreSQL, Git, Vercel, Google Workspace, Figma