

Michael Nersinger

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OBJECTIVE

Seeking a co-op in the Software Engineering field with excellent programming skills in Java, Python, C, and R.
Available August 2023 - May 2024.

EDUCATION

Rochester Institute of Technology (RIT) May 2025
Bachelor of Science, Software Engineering, 3.90 GPA Rochester, NY
Dean's List Award

Related Courses: Computer Science for AP Students (Python/Java), Software Design for Computing Systems (C),
Leading High-Performance Teams (Leadership), Engineering of Software Subsystems (Software Design)

SKILLS

Programming Languages: Java, Python, C, R, HTML, JavaScript, C#

Operating Systems: Windows, Linux

Cloud: Amazon Web Services

Other: Agile Development, Software Documentation, SQL Databases, CAD

PROJECTS

Personal Website and Weather, Personal Project March 2023

- Designed and implemented a personal website using R Shiny and a weather station
- Populated information from the weather station with an API library to get sensor data
- Implemented automated testing and deployment to streamline new feature rollouts

RIT Wasted Tuition Website, Trends in Software Development Process January 2022

- Collaborated on a team of five to design a website using R Shiny to build REACT elements
- Adhered to an agile development process with regular stand-ups and peer programming
- Implemented a loan repayment calculator based on researched statistics and user input

Muze Music Library System, Engineering of Software Subsystems May 2021

- Worked with a team of five to create a music library system using Java and a database API
- Designed a Factory subsystem to populate library elements from a csv file into a database
- Implemented a Proxy subsystem to handle requests to the offline and online databases

WORK EXPERIENCE

Plum Market Kitchen September 2022 – Present
Food Service Utility Cleveland, OH

- Established stellar relationships with customers by providing excellent service
- Receiving stock and storing merchandise to ensure proper inventory management

VOLUNTEER EXPERIENCE

RIT FIRST Alumni Association August 2019 – Present
Media and Communications Manager Rochester, NY

- Volunteer at FIRST Robotics competitions to assist in spreading interest in engineering
- Contribute to club-related events and projects focused on robotics and programming