

# Michael Nersinger

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## OBJECTIVE

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Seeking a co-op in the Software Engineering field with excellent programming skills in Java, Python, C, and R. Experience with AWS Cloud. Available May 2023 - December 2023 during the summer and fall semesters.

## EDUCATION

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**Rochester Institute of Technology (RIT)**

Expected: May 2025

*Bachelor of Science, Software Engineering, GPA: 3.90*

Rochester, NY

*Awards: Dean's List*

*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

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

**Operating Systems:** Linux, Windows

**Cloud Experience:** Amazon Web Services

**Other:** Agile Development, SQL Databases, CAD

## PROJECTS

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*Muze Music Library System, Engineering of Software Subsystems*

May 2021

- Designed a complex system from scratch by means of software engineering design patterns
- Analyzed project requirements and referred to specifications to design a complex system
- Worked in a team-based setting to implement the completed design in the Java language

*RIT Tuition R Shiny Website, Trends in Software Development Process*

January 2022

- Collaborated on a team of 5 to design a product including tools to use and features
- Concluded with a successful live demo of our product with all features implemented
- Programmed in R using Shiny and deployed and tested code automatically

*Hardware LED Project, Software Design for Computing Systems*

April 2022

- Worked individually to implement certain specifications necessary to deliver the product
- Provided concise and clear documentation on functions to illustrate intent and design
- Programmed in C and maximized hardware interrupts for efficient system functionality

## WORK EXPERIENCE

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**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 on shelves in an efficient and quick pace

## VOLUNTEER EXPERIENCE

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**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