

# Edward J. Martino

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**Objective:** To explore opportunities to further my experience as a software engineer via personal projects and other non-employment avenues.

## Education

**Rochester Institute of Technology, Rochester, NY** August 2017 - Present

Bachelor of Science in Software Engineering, Expected May 2022 GPA: 3.47

- Pursuing a double minor in Digital Business and American Sign Language Studies
- Key Major Coursework: Co-Operative Education Terms (3), Analysis of Algorithms, Computer Science I and II, Discrete Mathematics for Computing, Engineering of Concurrent and Distributed Software Systems, Engineering of Software Subsystems, Engineering Secure Software, Human Centered Requirements and Design, Intro to Software Engineering, Mathematical Models of Software, Personal Software Engineering, Software Design for Computing Systems, Software Process and Project Management, Software System Requirements and Architecture, Software Testing, Project Management, Trends in Software Development Process
- 4x Dean's List Achievement, RIT Presidential Scholarship

## Skills

- Languages: Java, Python, C++, SQL, R, C, Ruby
- Tools: IntelliJ, Eclipse, PyCharm, Vim, Git, GitHub, Alloy, Slack, Trello, LucidChart

## Projects

**Team: Senior Capstone Project** August 2021 - Present

- Worked with fellow seniors in cooperation with an external company to develop a public-facing website to view environmental science data
- Student-led project with minimal faculty supervision, fostering an environment where we were able to use all corners of our education to run an Agile development cycle from requirements gathering to deployment and maintenance
- Held roles Communications Lead and Frontend Developer
- Developed skills: R, web development, UX/UI, customer interaction, technical documentation, professional presentation

**Team: Java-Based Interactive Web Application** September 2018 - December 2018

- Worked with small team to build a game of checkers from an existing framework
- Built on version control skills, developed familiarity with agile development processes, and gained knowledge of system architectures

## Experience

**Software Engineering Co-op, Lockheed Martin Corporation, Liverpool, NY**

January 2020 - August 2020 and January 2021 - August 2021

- Worked towards the construction and maintenance of commercial flight management software
- Added fields to SQL database using Flyway migrations
- Resolved bugs relating to the ongoing refactor of an existing function

**Software Engineering Co-op, Saab Sensis Corporation, East Syracuse, NY**

May 2019 - August 2019 (Temporary)

- Worked towards the construction and maintenance of commercial flight management software
- Added fields to SQL database using Flyway migrations
- Resolved bugs relating to the ongoing refactor of an existing function