

Ivan Rojas

Software Engineer

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<https://github.com/ibanrohazz>

Education

Rochester Institute of Technology

Major: B.S. / M.S.: Software Engineering

Minor: Communication

Recipient of RIT Presidential Scholarship

Dean's List Student

Relevant Course Work:

Analysis of Algorithms, Computer-based Analysis, Business Communication, Discrete Math for Computing, Engineering of Software Subsystems, Human Centered Requirements and Design, Mass Communications, Personal Software Engineering, Software and Problem-Solving I & II, Software Design for Computing Systems, Software Process and Project Management, Software Testing, Web Engineering

Scotia-Glenville High School

Scotia NY, 2021

Graduated with high honors, Member of NHS, Team Captain of JV soccer team

Rochester, NY

2026 / 2027

GPA: 3.31

Skills & Interests

Technical: Java 11+, Python, C, C++, Embedded C, SQL, Typescript, HTML, CSS, JavaScript, React, Angular

Soft Skills: Communication, Problem Solving, Time management, Teamwork

OS: Windows, UNIX, Linux

Dev Software: Visual Studio Code, AutoCAD, PostGreSQL, Wix, Figma, Proto.io, Photoshop, Illustrator, Selenium

Interests: Photography, Digital Design, Cars, Hiking

Projects

MIDI Music Player

Embedded Software, STM32 Nucleo Board, Embedded C

Working independently on designing and implementing a MIDI Music Player built using embedded C with a feature rich interface meant to mimick modern mp3 players.

January 2024

May 2024

Chess Engine

C++, Graph Theory, Search Algorithms

Worked independently on creating a functional and almost competitive chess engine that would return an optimal move or move set given an FEN chess board representation

August 2023

November 2023

Virtual Library System

Java, System Architecture

Collaborated with four other student developers in creating a functional virtual library system that strictly followed the requirements and implemented efficient system architecture

January 2023

April 2023

Mock E-Store

Java, REST APIs, Angular, SQL

Collaborated with three other student developers in creating a functional replica of the Minesweeper game with an additional feature of a built in solver through that used statistical probability and basic algorithmic principles

August 2022

November 2022

Minesweeper Clone and Solver

Java, JavaFX, Backtracking Algorithms, Statistics

Collaborated with three other student developers in creating a functional replica of the Minesweeper game with an additional feature of a built in solver through that used statistical probability and basic algorithmic principles

August 2021

November 2021

Work Experience

Rochester Institute of Technology

Student Employee

Maintained a productive work environment with other students employees through effective communication

Rochester, NY

September 2023 - Present

DoorDash

Schenectady / Rochester, NY

Dasher

August 2021 - Present

Maintained a five star rating for over 500 deliveries and received 5 "Above and Beyond" ratings, through effective and efficient customer service and customer communication

Learned how to maintain an effective and productive schedule through strong time management practices

Blaze Pizza

Schenectady / Rochester, NY

Team member

August 2020 - April 2023

Learned how to adapt to and resolve challenging situations quickly and efficiently

Communicated effectively with other team members and management about the operating effectiveness of the workplace