

Nicholas Mondello

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EDUCATION

B.S., Computer Science

Graduating May 2025

Harvey Mudd College, Claremont, CA

3.5 GPA

Relevant coursework: Discrete Mathematics, Linear Algebra, Principles of Computer Science (OOP), Data Structures and Program Development, Computer Systems, Algorithms, Software Development, Artificial Intelligence, Software Engineering, Computability and Logic, Engineering Systems, Mechanics and Wave Motion

TECHNICAL SKILLS

Developer Tools: Git, Boomi, Power Automate, SiSense, Docker, Salesforce

Languages: C++, Python, C, JavaScript, SOQL/SQL, HTML/CSS

Frameworks: J-Unit

Certifications: Sisense Certifications: Analytic Project Manager, BI Consultant, Embedder Analytic Professional, Solution Developer. Boomi: Associate and Professional Integration Developer

EXPERIENCE

DevOps Intern: NVision Global, Remote

August 2023 – November 2023

- Participated in code reviews of builds in a C#/.NET Environment.
- Engaged in ISO Process 27001 and explored Taegis XDR.
- Supported senior team members' projects in Azure DevOps.

Software Development Intern: RJ Reliance, Chicago, IL

May 2023 – August 2023

- Developed Python script that utilizes Salesforce API to automate the import of employee certification trainings from UKG and assign ratings based on their proficiency. Automated log in using a robotic process automation(RPA). Deployed in Heroku.
- Extracted and manipulated Salesforce data using Python, and SQL (SOQL for Salesforce) to improve employee worked hours forecast. Utilized Pandas and Numpy libraries.
- Developed data integration solutions using APIs with Boomi (IPaaS) and RPAs with Power Automate.

BI Developer Intern: Rossi Labs, Morristown, NJ

April 2022 – Aug 2022

- Delivered C++ data visualization solution internally: built KPI catalog and dashboards that utilized BloX and Excel.
- Assisted senior team members in live client projects and calls.

Data Structures Teaching Assistant: Harvey Mudd College, Claremont, CA

Aug 2022 – May 2023

- Helped students with homework and understanding of key concepts (1-1 and group settings).
- Covered C++ in depth with concepts such as memory management, pointers, classes, etc.
- Taught implementation and runtime analysis of common data structures.

ACADEMIC PROJECTS

UV Index Data Visualizer

Fall 2023

Collaborated with a team to create a UV index data visualization.

- Utilized REST API call to gather data. Manipulated the data with Pandas in Python.
- Formed clear and helpful visualizations with matplotlib to demonstrate when users should wear sunscreen.

Climate Resource Website

Spring 2023

Coded collaboratively with a team to create a website addressing climate change issues.

- Utilized HTML, SCSS, and CSS for development.
- Collaborated on Github repository with four other students.

ADDITIONAL

- Experiences and Interests: Studied abroad in Madrid; Biking; Playing guitar; Ice-Hockey; Video games: Puzzles