Roberto Manra

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EDUCATION

Bachelor of Science, Computer Science Spring 2026
California State University, Fullerton
Current G.P.A – 4.00

Associate of Science, Computer Science June 2024
Santa Ana College
G.P.A – 3.80

SKILLS

- **Programming Languages:** Skilled in C++, Experience with Java, R-Code, HTML, CSS, React, and Swift, Familiar with Python
- **Productivity Tools:** Proficient with Google Workspace (Docs, Slides, Sheets), and with Microsoft Office (Word, Excel, PowerPoint) and R-Studio
- **Operating Systems**: Windows, MacOS, Linux (Mint), ChromeOS
- **Language:** Bilingual (English & Spanish)

RELEVANT COURSEWORK

Data Structures and Algorithms	Object Oriented Programming	Java Programming
Computer Organization	Programming Concepts	Discrete Structures for CS

PROFESSIONAL EXPERIENCE

Esqueda Elementary School Santa Ana, CA
IT Internship February 2021 – May 2023

- Provided level 2 tech support to teachers and staff and students
- Diagnosed and repaired broken Chromebooks and teacher equipment
- Prepared and administered iPads for students and staff
- Repurposed components from end of life/damaged equipment to repair in use equipment

PROJECTS

Interactive Periodic Table of Elements **Fall 2022**

- Developed a C++ program to display and manage the Periodic Table of Elements using both class and structure-based implementations, allowing users to search elements by symbol or atomic number.
- Implemented data retrieval and modification features, including viewing element details and updating atomic properties, leveraging file I/O operations with binary files.
- Designed a user-friendly console menu interface to enable easy interaction with the periodic table, supporting dynamic updates and error handling for invalid inputs.

Calendar Application **Summer 2023**

- Developed a Java-based calendar application that allows users to view and schedule events through an interactive menu system, utilizing object-oriented programming principles.
- Implemented file I/O operations to load and save calendar data, ensuring data persistence and enabling seamless user interaction.
- Designed and utilized custom classes (`Calendar`, `Day`) to manage date-related operations, streamlining the manipulation and storage of calendar data.