Victor Santana's CV

Victor Santana

International computer engineering student with a strong interest in space technologies, software development, automation, and computer architecture. Seeking an internship in the summer of 2025.

victorrafaelsantana@hotmail.es | My LinkedIn page

Specialized in

- Programming Languages (in order of proficiency): C#, Python, C++, C, Assembly

- Management & Soft: Scheduling, Team Management, Team Training, Spanish Language

- Hardware & Software Tools: Arduino & IDE, STM32 & CubeIDE, GitHub

Education

Bachelor of Science in Computer Engineering September 2023 - December 2027

Brigham Young University - Idaho Rexburg, Idaho

- Certificate: Machine Learning Fundamentals

- Major 4.0 GPA, awarded BYU-Idaho's academic scholarship and IEEE Society Even Planner

- Relevant Courses: Programming with Classes (C#), C, C++, Programming with Data Structures (C#), and Fundamentals Digital Systems, Microprocessor Based System Design, Data Science Programming

Projects

Food Storage Management System November 2024 - Present

C# | OOP | File Handling | Email Integration | Data Storing | Input Validation Rexburg, ID

• Designed a food storage tracking system. Implemented an email notification system for expiration notifications and developed a robust input validation system for accurate data entry

• Integrated a secure file handling for user data storage, and enhanced usability by integrating date parsing and improving data storage efficiency

• Planned improvements: A more intuitive user interface and compiling program into an executable

Expense Tracker January 2025 - Present

C++ | File Handling | STL | Data Storing | Input Validation Rexburg, ID

• Developed a C++ application to track, filter, and manage of expenses. Implemented file handling to save and load expenses efficiently in 1 file

• Utilized STL algorithms for expense management, and built a menu-driven UI with input validation and error handling

• Planned improvements: Sorting, editing, and deleting expenses, smart pointer integration

Occupation

Faculty Technology Center Lead January 2025 - Present

Brigham Young University - Idaho Rexburg, Idaho

• Enhanced 100+ online courses in Learning Management System (LMS) improving user experience, showcasing strong problem-solving skills to ensure high-quality course delivery

• Collaborated in a dynamic team environment, utilizing various 5+ technologies to complete tasks efficiently and adapt to evolving project goals

• Promoted to lead after 8 months of tenure, and built a training course and handbook for new hire training