Arianna Azcarraga

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EDUCATION

California State University, Fullerton   **Fullerton, California**
Bachelor of Science in Computer Science | GPA: 3.90/4.0   *Expected May 2026*

Saddleback College   **Mission Viejo, California**
Associates of Science in Computer Science | GPA: 3.90/4.0 | Dean's List for 5 Semesters   *May 2024*

RELEVANT COURSEWORK

Advanced Topics in Java	Data Structures and Algorithms	Topics in C++
Linear Algebra	File Structures and Database Systems	Multivariable Calculus
Foundation of Software Engineering	Differential Equations	Cybersecurity Principles

TECHNICAL SKILLS

Coding Languages: (Proficient) C++, Java, (Familiar) Python, JavaScript, HTML, SQL, R, CSS
Other: GitHub, MacOS, Windows, React, Node.js, Visual Studio, SQL Server Management Studio, Agile, SCRUM

PROJECTS

Client Based Tic Tac Toe Game   *Saddleback College, Spring 2024*
- Collaborated with classmates using Agile frameworks to develop a multiplayer Tic Tac Toe game enabling players on the same IP to compete using Java TCP sockets for real-time message exchange between client and server.
- Designed and implemented a player versus computer mode with an unbeatable AI, utilizing the minimax algorithm to ensure the computer opponent always plays optimally.
- Developed an interactive JavaFX GUI to enhance the user experience and ensure easy navigation.

Encryption Algorithm   *Cal State University, Fullerton, September 2024*
- Designed and implemented a custom encryption and decryption algorithm in C++ that dynamically adjusts a map of different character translations according to an integer secret key, securely encrypting text messages.
- Implemented file I/O processes to input plain text from a file, apply encryption, and output the encrypted result to a new file.

CAMPUS INVOLVEMENT

Project Raise   *Cal State University, Fullerton, August 2024 - Present*
- A program aimed at increasing the number of Hispanic/Latinx and low-income STEM students while improving retention and graduation rates.

Women in Computer Science and Engineering   *Cal State University, Fullerton, August 2024 - Present*
- A program supporting freshmen and transfer students in engineering and computer science through community-building, resources, and industry networking.

Engineering Design Club   *Cal State University, Fullerton, August 2024 - Present*
- A club where students of all majors work on hands-on engineering projects, with workshops in electrical, mechanical, and software disciplines.

WORK EXPERIENCE

In-n-Out   **San Juan Capistrano, California**
Part-Time Associate   *August 2024 - Present*
- Focus on delivering top-tier customer service, addressing concerns and escalating to management when needed.
- Maintain cleanliness of the dining area by regularly cleaning tables, floors, and trash, enhancing experience.
- Handle cash and credit transactions efficiently, providing accurate change, completing 50+ transactions per shift.
- Prep fresh ingredients like tomatoes and lettuce daily, ensuring proper storage with labeling to maintain quality.