Adrian Rojas

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EDUCATION

Southwestern College
San Diego, California
A.A in Computer Science
- o **Concentrations:** Web Development (Fullstack) and software development
- o **GPA:** 3.40/4.00
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Architecture, Object-Oriented Programming

EXPERIENCE

Southwestern College   **Chula Vista, California**
Math and Programming Tutor
- Tutoring in math - 130; Java with emphasis on Object Oriented Programming
- Tutoring in Calculus 1/2/3
- Tutoring in math - 230; Java, C, MIPS assembly, with emphasis on pointers and organization of computer memory

PROJECTS

Software Engineering Club Website   **Chula Vista, California**
Project Manager and Software Developer
- Created a website for Southwestern College Software Engineering Club with a time frame of 1.5 months, and with a team of 15 members
- Created using trending tools and resources such as Node.js, React.js, TypeScript, Shadcn/UI, HTML/CSS, Javascript, Slack, Discord, and Git/GitHub
- Our Goal was to simulate a work environment and allow members of the team to learn how to communicate and work together as a team, while using in-demand tools and resources

Baked Goods Website   **Chula Vista, California**
Personal Project
- Created a website for baked goods so a friend can begin their baking business with a time frame of 2 months
- Created using HTML/CSS and Javascript
- My goal was to understand how the front-end development process is and how to apply HTML/CSS as well as Javascript to a tangible website, this was more or less a learning process

Class Projects   **Chula Vista, California**
Student Labs
- Tasked with multiple different projects such as Credit Card processing, Dice Game, Gradebook calculations, converting from binary to Hexadecimal and vice versa, and decoding Hexadecimal instructions to MIPS Assembly instructions

- The purpose of these labs are to familiarize with using Programming Languages such as Java, C, and MIPS Assembly
- Technical skills used are Pointer arithmetic, Object Oriented Programming, Pointers and addresses, using compilers such as Xcode and Mars Assembly, Dynamic Memory Allocation, and reading/writing from and to text files

ACTIVITIES AND LEADERSHIP

Software Engineering Club   **Chula Vista, California**
Member
- A club consisting of 70+ members that all have a common interest in Computer Science and their branches. Projects such as Web Development, Machine learning prototypes, Game development, and app software development are facilitated and discussed with interested members to begin developing said projects

SKILLS

Programming: Java, JavaScript, HTML/CSS, TypeScript, Node.js, React.js, C++, C, MIPS Assembly
Tools: Vscode, CodeBlocks, Eclipse, Slack, Discord, Git, Mars Assembly, GitHub, Xcode