

ADOLFO SANPEDRO GANTE

US Citizen

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Technical Skills

Languages: C | C++ | Java | Python | HTML/CSS | JavaScript | React | C#
Developer Tools: Git/GitHub | VSCode | Visual Studio | Terminal | Unity | Figma
Technologies: Raspberry Pi | FDM 3D Printer Ender-3 | Ultimaker Cura

Education

California State University San Marcos

San Marcos, CA

Bachelors of Science in Computer Science, 3.7 GPA

2023 - Anticipated Graduation June 2025

- **Selected Coursework:** Data Structures, Algorithms, Linear Algebra, Networking, Software Engineering
- **Awards:** Dean's List Fall 2023

Palomar College

San Marcos, CA

Associates of Science in Computer Science

Graduated 2023

- **Selected Coursework:** Linux Fundamentals, Assembly Language, Calculus
- **Awards:** Dean's List Spring 2021, Dean's List Fall 2021

Work Experience

Watering Hope

San Diego, CA

Web Developer Intern

Summer 2024

- Developed responsive web pages using **HTML**, **CSS**, and **JavaScript**.
- Designed and translated **Figma** mockups into functional and aesthetically pleasing web interfaces.
- Implemented interactive elements and animations with **JavaScript**, enhancing user engagement and experience.
- Maintained and updated the front-end codebase using **Git** and **GitHub** version control utilities.

Island's Restaurant

Vista, CA

Line Cook

2022 - Present

- Managed a line of five cooks, delegating tasks, coordinating rest periods and meal breaks.
- Promoted from dishwasher to Line Cook after 3 months.
- Stationed at Fry, Salad, Grill and acting Lead cook.

Projects

Math Arcade - Game Development

Spring 2024

- Developed an algebra-based educational game in **Unity** using **C#**.
- Integrated Unity Authentication and Cloud Save for user data management.
- Created and implemented 4 game modes to enhance learning.
- Designed and incorporated teaching resources within the game.

Banking System - Network Programming

Spring 2024

- Developed a simplified banking system using **Python** Sockets over **UDP**.
- Enabled secure communication between server and client with **Python Pickle**.
- Implemented client functionalities for login, transaction processing, and transaction viewing.
- Designed server capabilities for client authentication, transaction approval/rejection, and handling multiple clients.

catpictures.xyz - Web Development

Fall 2023

- Utilized multiple **APIs** to load responsive content on the site.
- Built the site using **React** Framework, **HTML/CSS**, and **JavaScript/JSX**.
- Integrated TheCatAPI to fetch random cat images.
- Used the Advice Slip JSON API to retrieve random advice slips for image captions.

3x3 Macropad - Embedded Systems

Summer 2023

- Utilized a **Raspberry Pi Pico Microcontroller** to drive the program.
- Programmed in **Circuit-Python** for low-level hardware control.
- Employed an **FDM 3D printer** to create a two-piece case for the Raspberry Pi Pico and key switches.
- Hand-soldered the Raspberry Pi Pico to the key switches.