# ADOLFO SANPEDRO GANTE

US Citizen

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## Technical Skills

**Languages**: C, C++, Java/Kotlin, Python, HTML/CSS, JavaScript, C#, LaTeX, Rust
**Developer Tools**: Git/GitHub, VSCode, Vim, Visual Studio, Command Line(PS/Linux/Unix), Unity
**Technologies**: Raspberry Pi, FDM 3D Printer Ender-3, Ultimaker Cura
**Frameworks**: React, JUnit

## Education

**California State University San Marcos** — San Marcos, CA
*Bachelors of Science in Computer Science, 3.67 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*

- Linux Fundamentals, Assembly Language, Calculus

## Projects

**Resume - Career Procurement** — Spring 2024

- Utilized **LaTeX** and MiKTeX compiler to create a clean Harvard styled resume.
- Resume contains multiple sections showcasing skills, education, projects and experience.
- The goal of the project is it discover a work place that suits my skillset and experience.
- The project lead is hopeful and ongoing in this endeavor and thanks YOU for your consideration.

**Math Arcade - Game Development** — Spring 2024

- Developed in the **Unity** Game Engine and used **C#** scripts to implement game logic.
- Worked in a team of 4 to develop an algebra based learning video game.
- Implemeted Unity's Authentication and Cloud Save Packages to store user data.
- Developed multiple game modes and built in teaching reasources.

**Banking System - Network Programming** — Spring 2024

- Simplified Banking System utilizing **Python** Sockets over **UDP**.
- Server and Client communicate utilizing Python Pickle to send messeages.
- Clients are able to login, send/receive transactions and view transactions.
- Server is able to authenticate clients, approve/reject transactions and handle multplie clients.

**catpictures.xyz - Web Development** — Fall 2023

- Utilizing multiple **API**s to load responsive content.
- TheCatAPI fetches random images of cats.
- Advice Slip JSON API fetches random advice slip to caption images.
- Site is built using the **React** Framework, **HTML/CSS**, **JavaScript/JSX**.

**3x3 Macropad - Embedded Systems** — Summer 2023

- **Raspberry Pi Pico Mircocontroller** is being used to drive the program.
- Program is written in **Circuit-Python** made for low level hardware.
- Utilizing an **FDM 3D printer** to print a 2 piece case for the Raspberry Pi Pico, key switches.
- Raspberry Pi Pico is hand soldered to key switches.

## Work Experience

**Island's Restaurant** — Vista, CA
*Line Cook* — *2022 - Present*

- Managed a line of five cooks, delegating tasks, coordinating rest periods and meal breaks.
- Communicated with management regarding prepped recipes and food orders.
- Stationed at Fry, Salad, Grill and Acting Prep cook. Started as dishwasher.