

# ADOLFO SANPEDRO GANTE

US Citizen

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## Technical Skills

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**Languages:** C, C++, Java/Scala/Clojure/Kotlin, Python, HTML/CSS, JavaScript, C#, LaTeX, Cobol, Fortran, Rust  
**Developer Tools:** Git/GitHub, VSCode, Vim, Visual Studio, Command Line, Unity  
**Technologies:** Linux/Unix, Raspberry Pi, Arduino, Ender-3, Ultimaker Cura  
**Frameworks:** React, JUnit

## Education

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### California State University San Marcos

San Marcos, CA

*Bachelors of Science in Computer Science, 3.67 GPA*

*2023 - Anticipated Graduation 06/25*

- Data Structures, Algorithms, Linear Algebra, Networking, Software Engineering

### Palomar College

San Marcos, CA

*Associates of Science in Computer Science, 3.00 GPA*

*Graduated 2023*

- Linux Fundamentals, Assembly Language, Calculus

## Projects

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### Resume - Career Procurement

Spring 2024

- Utilized LaTeX and MiKTeX compiler to create 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.

### 3x3 Macropad - Embedded Systems

Summer 2023

- Raspberry Pi Pico Microcontroller 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.

### catpictures.xyz - Web Development

Fall 2023

- Utilizing multiple APIs 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.

### Banking System - Network Programming

Spring 2024

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

### 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.
- Implemented Unity's Authentication and Cloud Save Packages to store user data.
- Developed multiple game modes and built in teaching resources.

## Work Experience

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### 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.