

# Andres Pedro Hinojosa

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## Education

**California State University, San Marcos**

*Bachelor of Science in Computer Science*

**Overall GPA:** 3.6/4 | **In-Major GPA:** 3.7/4

**Dean's List:** Maintained a GPA of 3.5+ for 3 semesters

**San Marcos, CA**

*Aug. 2020 – May 2024*

## Relevant Coursework

Computer Science I & II, Data Structures & Algorithms (C++), Computer Architecture, Programming languages, Operating Systems

## Experience

**LAEP Student Trainee** | *Python, Pandas*

*California State University, San Marcos*

November 2023 – Present

*San Marcos, CA*

- Currently working on a research project where I classify between benign and malicious traffic in IoT devices.

## Projects

**Brainwave Matchmaking Application** | *Python, Flask, HTML, CSS, Jira*

October 2023 – Present

- Designed and implemented a database alongside login, sign-up, and update forms, enabling users to create accounts, edit profiles, and log in securely.
- Utilized the BrainBit SDK in conjunction with a smart EEG Headband to collect and store user's brainwave data as they watch videos.
- Created a user compatibility function utilizing the Euclidean formula to provide matchmaking results based on brainwave data.

**Mobile Wardrobe Management Application** | *Kotlin, XML, Git, Firebase*

April 2023 – May 2023

- Collaborated in a cross-functional team of six members to develop a closet management app, addressing common clothing-related challenges.
- Played a role in front-end development, incorporating RecyclerView and dynamic scrolling to enhance user experience.
- Utilized back-end technologies such as **Firebase**, WorkManager, and Room for data management and synchronization.

**University Registrar Application** | *C++*

December 2021

- Developed an interactive menu-based program with **C++** and **Unix**, empowering administrators to perform essential tasks such as student addition, deletion, and viewing with ease.
- Played a role in front-end development, incorporating RecyclerView and dynamic scrolling to enhance user experience.
- Designed a dynamic database system using **OOP** principles to efficiently manage and organize student information, offering seamless accessibility and modification.

## Additional Experience

**Wait Staff**

*Silvergate San Marcos*

February 2023 – Present

*San Marcos, CA*

- Provided exceptional customer service in a fast-paced environment, prioritizing user satisfaction.

**Grill Cook**

*Chiptole*

July 2021 – February 2022

*Escondido, CA*

- Demonstrated precision in adhering to food safety and quality standards, highlighting my attention to detail and commitment to delivering reliable outcomes.

## Technical Skills

**Languages/Frameworks:** C++, Python, C#, Kotlin, HTML/CSS, XML, Flask

**Developer Tools:** Git/GitHub, VS Code, Visual Studio, PyCharm, Jira

**Libraries:** pandas, NumPy, Matplotlib

**Certifications:** Jira Fundamentals Badge