Mario A. Pinzon C.

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EDUCATION

California State University of Fullerton   **Fullerton, Ca**
Major: Computer Science   December 2025(expected)
Relevant Coursework: Software Developing, Operating Systems, Cybersecurity

CodePath Cybersecurity   **Remote**
Cybersecurity   Sept 2023
- ➢ Learned real-world tools and attacks, providing practical knowledge in the field of digital security.
- ➢ The program emphasized blue team security, industry-proven techniques for detecting, analyzing, and responding to security threats, which is a critical aspect of defending against cyberattacks.

Diablo Valley College   **Pleasant Hill, CA**
Major: Computer Science and Engineering – with intent to transfer to a 4-year university.   May 2023
Relevant Coursework: Assembly Lang/Computer Org , Object Oriented Programming, Data Structures and Algorithms

InspireCamp Bootcamp   **Remote**
Data Science   2020
- ➢ Learned data manipulation via CSV, Pandas, and Jupyter Notebook.
- ➢ Mastered data cleaning and pipeline streamlining for machine learning algorithms.
- ➢ Created a final deliverable in the form of a Discord AI that can input and manipulate data.

EXPERIENCE

MESA   **Pleasant Hill, CA**
Tutor   June 2022 – July 2023
- ➢ Develop and implement individualized tutoring plans based on student's needs and learning styles.

MissionBIT   **Pleasant Hill, CA**
Volunteer Staff   February 2022 – July 2022
- ➢ Develop and implement creative and engaging lesson plans to teach programming and computer science concepts to students of diverse backgrounds, abilities, and learning styles.

First Trading Group USA llc   **Doral , FL**
IT Manager   December 2021 – January 2022
- ➢ Managed and sorted high importance files and projects for FTG Accounting.
- ➢ Developed excel shortcuts using Microsoft visual basics to improve trading efficiency by 30%.

PROJECTS

Campus Navigator
VikingHacks
- ➢ Integrated Flask framework to create a full-stack site for campus navigation.
- ➢ Utilized Map Nodes and Dijkstra's algorithm to improve navigation speeds and path efficiency by 22%
- ➢ Implemented JS front end with Python backend.
- ➢ **Technical Skills:** Python, Django, Javascript, HTML, CSS, Flask

EDU-Nick
TigerHacks
- ➢ Utilized openAI libraries to perform math, computer science, and biology problem evaluations.
- ➢ Implemented MongoDB to store recommendations, answers, and questions made by the users.
- ➢ Integrated Discord.JS to enable multi platform compatibility in the form of a bot.
- ➢ **Technical Skills:** Python, Discord, OpenAI, MongoDB, JSON, Javascript.

Image Generator
- ➢ Developed a program that utilized openAI image generation library to produce prompt-based images..
- ➢ Included functions that modify images such as edit, delete, recreate.
- ➢ **Technical Skills:** Python, OpenAI

Green World
- ➢ Developed a 3D game called "Green-World" using Three.js and React.
- ➢ Implemented openAI api to teach the youth about sustainable energies.
- ➢ Collaborated with other team members to ensure consistent gameplay and art style.
- ➢ **Technical Skills:** Javascript, Three.js, React, Blender, OpenAI, Javascript, Node.js, Framer, HTML5 ,CSS3, Vercel

LEADERSHIP AND HONORS
Associated Students of DVC
Board Member
- ➢ Logged data and information surrounding meetings and events via LaTex.
- ➢ Planned and managed member votes for weekly events.

Most Creative Application
Campus Navigator - VikingHacks 2022.

Most Innovative Program and Awarded Second Place.
Green world - VikingHacks 2023.

Skills
Programming: Lua, Python, C++, C#, HTML/CSS, SQL, Git, Django, Java, Visual Basics, Javascript, Three.js, React, Blender, OpenAI, Javascript, Node.js, Framer, HTML5 ,CSS3, Vercel..
Miscellaneous: Fluent in Spanish, Basic Mandarin, Procreate.