JEAN PAUL FERNANDEZ

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SUMMARY

Ambitious and tech-savvy first-year Computer Science undergraduate student at the University of Manchester, proficient in software development and web technologies. I am always open to teamwork and collaboration, using technology for a better tomorrow.

SKILLS

Programming Languages: Python, HTML/CSS, JavaScript, C, PHP, Go, Java, Swift
Technologies: React, Flask, MySQL, AWS, Azure, Node.js, Firebase
Tools: VS Code, XCode, Git, GitHub, Vercel, Netlify, Postman, Figma, Notion, Microsoft 365

RELEVANT EXPERIENCE

Frontend Developer
Illari Accesorios

Trujillo, Peru
Aug 2021 – Dec 2021

- Designed and implemented a visually stunning website using HTML, CSS, JavaScript, and the Ecwid e-commerce platform, resulting in a 40% boost in user engagement and a 25% increase in online sales within the first three months.
- Demonstrated exceptional problem-solving skills by efficiently troubleshooting and resolving technical issues during the development process, reducing website downtime by 20% and contributing to a 15% improvement in user satisfaction surveys.

IT Consultant
MAKE Peru

Trujillo, Peru
Nov 2019 – July 2020

- Lead the implementation of new communication technology solutions, resulting in a 35% improvement in internal communication.
- Developed a website using web technologies, resulting in a 200% increase in volunteer applications within a 3-month timeframe.
- Leveraged analytical and problem-solving skills to develop and implement software solutions that led to a 30% increase in productivity for the recruiting team, and a 20% reduction in processing time for financial transactions.

EDUCATION

University of Manchester
Bachelor of Science (BSc) in Computer Science

Sep 2023 – Jun 2026

Harvard Online
CS50 Introduction to Computer Science

Mar 2023 – Jul 2023

INTO Manchester
Foundation Degree in Science and Engineering

Sep 2021 – Jun 2022

PROJECTS

Responsible Portfolio Website
- Applied web development technologies, including HTML, CSS, and JavaScript, to create my custom responsive portfolio website.
- I am constantly updating this project with new design principles, optimizing code and implementing new web technologies.

Mokepon
- A web-based game that offers a cast of characters for players to select from, each with their own set of characteristics and powers.
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- It currently has two versions, the multiplayer version that runs locally on Node.js, and the single-player one that is available online.

Python Neural Network
- A neural network built entirely in Python, capable of generating a heat map of predicted data on a bi-dimensional space.
- It takes an input array of values on a Cartesian plane and uses it to train the network to predict new data points.
- The heat map generated by the network is useful for visualizing patterns and trends in the data provided by the user.

Chatsy
- A web application, built using Flask, that enables real-time communication between multiple clients within a closed environment.
- It allows users to create, or join existing, chat rooms to exchange messages with other users within the same local network and stay engaged in dynamic real-time conversations.