

# JEAN PAUL FERNANDEZ

📍 Manchester, UK

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## PROFILE

Ambitious and tech-savvy first-year Computer Science undergraduate student at the University of Manchester, proficient in software development and web technologies.

## 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, PyCharm, Git, GitHub, Vercel, Netlify, Postman, Figma, Notion, Microsoft 365

## RELEVANT EXPERIENCE

### Frontend Developer @ Illari Accesorios eCommerce Website

Oct 2021 – Dec 2021 · Freelance

- Designed and developed an e-commerce website for a local business, resulting in a significant 80% boost in overall sales.
- Expertly crafted a user-friendly and visually appealing website using HTML, CSS, JavaScript, and the Ecwid e-commerce platform.
- Exhibited exceptional problem-solving skills, troubleshooting, and resolving technical issues during the development process.
- Integrated an international payment infrastructure, driving a 20% surge in foreign sales.

### IT Consultant @ MAKE Peru

Nov 2019 – Feb 2020 · Part-Time

- 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.
- Applied analytical and problem-solving skills to develop and implement software solutions that significantly increased productivity and efficiency within the recruiting team and the finance team of the organization.

## EDUCATION

### University of Manchester · BSc Computer Science

Sep 2023 – Present · Manchester, UK

### Harvard Online · CS50's Introduction to Computer Science

Mar 2023 – Jul 2023 · Online Course

### INTO Manchester · International Foundation in Science and Engineering

Sep 2021 – Jun 2022 · Manchester, UK

## PROJECTS

### Responsible Portfolio Website

This is a web project where I applied my web development knowledge to create my custom responsive portfolio website, using pure HTML, CSS, and JavaScript.

### Mokepon

This web-based game offers a dynamic cast of characters for players to select from, each with their own set of characteristics and powers. The game challenges players to strategically utilize these abilities in battles against computer-controlled opponents, providing a thrilling and engaging gameplay experience.

### Python Neural Network

This project is a basic neural network built with Python, capable of generating a heat map of predicted data on a bidimensional 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.

### Chatsy

Chatsy is a web-based chat application built using the Flask framework and Flask-SocketIO library. It enables real-time communication between multiple clients in a chat room environment. The application allows users to create new chat rooms or join existing ones, exchange messages with other participants, and stay engaged in dynamic conversations.

### Battery Level Indicator

This project displays the battery percentage of the device the webpage is being viewed on. It also displays a liquid battery level that changes color based on the battery percentage. Additionally, it shows a message indicating whether the battery is low, charging, or full. I've mastered my skills on CSS and JavaScript during the development of this web project.