Pedro Ginel Camacho

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Education

University of Glasgow, MSci in Software Engineering   Sept 2020 – June 2025
- **Grade:** 1:1 expected
- **Dissertation Title:** Optimizing Tamakkon

Experience

Technology Consultant Intern, Ernst & Young – London, United Kingdom   Sept 2023 – July 2024
- Automated cybersecurity division work through a document classification model, achieving 80% accuracy in a proof of concept.
- Developed a client website under a tight 3-day deadline, securing a subsequent project to deliver 4 chatbots.
- Led Q&A sessions for over 30 participants in two recruitment assessment centers.
- Collaborated with clients in 5 workshops, capturing their needs as requirements and earning confidence of superiors for further work with the clients.
- Learnt accounting and supply chain concepts over 2 weeks , mapping supply and payment processes across 6 applications in 2 months for an ERP software transformation project.
- Led the UX design for a client bid, coordinating with 15 stakeholders, including 9 partners, and was awarded a financial commendation from superiors.
- Developed Power Platform tool for tracking and visualizing project progress on its route to live. The tool offered a UI design intended for client presentations and the capacity to adapt to any project framework.
- Deployed an open-source AI chat-bot website, created a detailed walkthrough of its microservices architecture and executing it locally using Docker in under 5 days. The project utilized AWS, Elasticsearch, and Django as part of its microservice structure.

Student Software Developer, Censis – Glasgow, United Kingdom   Sept 2022 – April 2023
- Developed an IoT solution for welfare housing safety, programming listener chips in C and processing data through a neural network in a Python-based Django back-end.
- Coordinated with a team of 6 using Agile and Scrum methodologies, executing 3-week sprints and delivering presentations and demos at sprint review meetings.
- Negotiated requirements with the client and proposed 4 solutions to hardware limitations, recommending an IoT architecture that offloaded machine learning to the cloud, minimizing hardware costs.
- Explored 7 machine learning approaches in python for time series classification and developed a neural network with 97% accuracy.
- Analyzed an undocumented C codebase of over 100 files, injecting code to identify and resolve performance limitations.
- Served as the primary liaison between the team and the client, responsible for organizing both online and in-person meetings.
- Organised 8 meetings between the client and the team, acting as the primary point of contact. And was awarded an average of 21/22 score by examiners for sprint planning, prototype demo and delivery.

Web Management Intern, General Vet Supplies – Cordoba, Spain   June 2022 – Sept 2022
- Re-designed UX and backend of the company's website, producing 17 pages and adding 6 new features from web traffic analysis to customer contact forms.
- Owned development process, proposing 3 designs with wireframes and delivering a satisfactory product within 5 meetings.

Volunteer, Students Representative Union – Glasgow, United Kingdom   Sept 2022
- Organized 22 events within a team, taking on lead responsibility for 3 events.

Certifications

Scrum Master SCM-1 (date or link): Issued by Scrum.org
Microsoft Azure AZ-900 (date or link): Issued by Microsoft

Skills

Technologies: Django MVC framework, Figma, Power Platform, Office 365, Azure, Azuredevops, JSON, HTML/CSS, JQuery, Git, Linux/Unix, LaTeX
Programming Languages: Python, Java, C++, C#, C, Rust, JavaScript, Typescript, SQL
Languages: English (C1), Spanish (Native), French (B1), German (A1)

Projects

Python

- **Peer to Peer Chess**, a chess game that works on P2P connections. Allows user to draw on the chess board during the opponents turn and has an error handling GUI.
- **Calculator**, a simple calculator supporting addition, subtraction, multiplication and division, decimals and division by 0.

Typescript

- **Cat Pet**, a cat mascot that runs around the screen and interacts with the user. Designed to be easily included in any website.

Java

- **ANTLR Based Compiler**, a compiler for a simple programming language supporting variables, output, if/else statements, switch statements, repeat until loops and range function.

C

- **Process Detail Finder**, a program that displays the physical memory locations and associated process flags of itself on Linux machines.

Hobbies

Reading, Drawing and Design, Powerlifting, Nature, Coding