Pedro Ginel Camacho

pginelc@gmail.com | +34 680 60 11 98 | yourwebsite.com | linkedin.com/in/yourusername

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, developing proof of concept document classification models, achieving 80% accuracy.
- Developed a client website under a tight 3-day deadline, securing a subsequent project to deliver 4 chatbots.
- Independently led Q&A sessions for over 30 participants in two recruitment assessment centers.
- Met with clients in 5 workshops, earning confidence of superiors for further work with the clients.
- Quickly learnt accounting and supply chain concepts, mapping supply and payment processes across 6 applications over 2 months for an ERP transformation project.
- Led the UX design for a client bid, coordinating with several stakeholders, including 9 partners, and earning a financial commendation from superiors.
- Developed a flexible project management tool using Power Platform, providing visuals and statistics of assessments to track project progress.
- Deployed an open-source AI chat website for a partner's sales pitch and creating a detailed walkthrough of its microservices architecture within 5 days.
- Deployed an open-source RAG chat-bot website, creatung 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, coding listener chips in C and processing information through a neural network in a Python-based Django back-end.
- Coordinated with a team of 6 using Agile and Scrum methods, working in 3-week sprints, delivering presentations and demos at sprint review meetings.
- Negotiated requirements with stakeholders and proposed several solutions to hardware limitations, recommending an IoT architecture to offload machine learning to the cloud, keeping hardware costs low.
- explored 7 machine learning approaches in python for time series classification, developing a model with 97% accuracy.
- Analyzed an undocumented C codebase of over 100 files, injecting code to successfully uncover bottlenecks and limitations.
- Served as the primary liaison between the team and the client, responsible for organizing both online and in-person meetings.

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.
- Took full responsibility of development, 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