Javier Alcazar-Zafra

Consultant

Qualifications

BSc Computer Science, Cardiff University 2019

Profile

Consultant with great communication skills, proven problem solver and team-player. With a strong interest in software engineering, game development and design, and artificial intelligence. Looking for a position where I can further develop my skills and make a positive contribution to an organisation.

Technical Skills

TECHNOLOGY DOMAIN	TECHNOLOGIES AND TOOLS
Programming Languages	Java, Python, C, HTML, CSS, JavaScript, Flask, PHP, R MATLAB
IDE's	IntelliJ, Eclipse, Sublime text
Operating Systems	Windows, Linux (Ubuntu, Mint, Debian)
DevOps Technologies	Git, Google Cloud Platform, Azure
Database Technologies	MySQL, SQL, MongoDB
Project Frameworks	Agile Scrum, Waterfall
Other	Algorithms and Data Structures, Object Oriented Programming, High Performance Computing, Artificial Intelligence, Combinatorial Optimisation

Experience

GITHUB LINK: https://github.com/JaviAZ

LINKEDIN LINK: https://linkedin.com/in/JaviAZ

QA Consulting – Consultant

House Price Prediction Application

Developed a cloud hosted application (with Google Cloud Platform) with a user interface (with Shiny), that using an SQL relational database of houses, predicts the sale price for house details (in R) input by the user with a 90% accuracy (using a weighted KNN algorithm).

Blog

Developed a blog with Flask, HTML, CSS, Python and SQL. Where a user can register an account, log-in and view, create and edit posts for a blog. The website was deployed in Azure and GCP manually and with docker/docker-compose.

Group Presentation

Worked in a team to develop a solution to a problem provided by a client using agile. Prepared and conducted an interview with a client, met as a group to develop a suitable solution and prepared and delivered a presentation.

Cardiff University – Projects

Poker Game with AI | Dissertation Project

Researched, designing and developing an Artificial Intelligence capable of playing poker as well as a game engine and user interface in Python.

Movie Rental Website | Software Developer

Worked with a team of 5 students to design, develop and test a movie rental website in Django, which implemented item-to-item collaborative filtering to recommend movies, based on user reviews.

Cardiff University – Work Experience

STEM Ambassador | From Oct 2017 – Jul 2019

Working in a team with other ambassadors to deliver STEM workshops to primary and secondary schools as well as university events. Responsible for managing students and parents during events.

Teaching Assistant | FROM Oct 2017 – Jul 2019

One to one mentor for students in labs, tutorials and lectures. Giving solutions to problems relating to programming and various course content.

Additional Information

- Presentation skills
- Communication skills

- Fluent in Spanish and English
- Team player

- Problem solver
- Proactive

Hobbies/Interests

On my free time I enjoy listening to music, playing games and watching movies/TV shows. I like playing football, cycling and exercising at the gym.