Mario Alcaraz Fuentes

Software engineer
Contact: marioalcarazfuentes@gmail.com

About Me

Full-Stack Computer Engineer specialized in Software Development. Education received at a high-performance academic group (Reduced group and in English). Additionally, I received an Erasmus+ Scholarship to study for half a year at the Czech Technical University in Prague. Mentioning the stay for several months in London and Bristol (UK) to perfect my English.

Experience

Amazon Software Developer Engineer, SDE L4 Internship

AUGUST 2022 — JUNE 2023

Carried out the creation of a project from start to finish; including technical design of the system, creation and configuration of the infrastructure, cost estimation, breakdown and estimation of tasks, and finally the implementation.

I have looked for scalability and a long-term solution. I have led the migration of different systems, maintained communication with external teams from other countries, written technical documentation, made decisions in ambiguous situations and made decisions with tradeoffs. Worked with SQL and Spark looking for maximum efficiency. In addition, AWS tools such as Quicksight and Redshift have been used for the representation of large volumes of data.

Personal Projects

- Creation of a Crawler Scraping Bot to obtain all the houses in Spain generating a dataset with more than 10M values. With this information, a descriptive and predictive model has been created using tools such as anti-bot detection, NLP, ML, Data imputation, Data cleaning etc.

Education

Universidad de Alicante, Alicante

SEPTEMBER 2019 — JUNE 2023

High Performance Group. Subjects given in English.

Czech Technical University of Prague, Prague

SEPTEMBER 2021 — FEBRUARY 2022

Erasmus+ scholarship

Technologies:
- High Knowledge of data structures and algorithms.
- High Knowledge of C++, Java (REST API, Spring), Python, Databases SQL.
- High Knowledge of automation processes and data extraction through bots.
- Knowledge of web programming: PHP, Laravel, Vue, JS, Node, Bootstrap.
- Knowledge of C#, C, Scrum, Agile.

Others:
 - Able to lead projects.