Zurita Muñoz Herbert

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Professional profile

Hard-working, fast-learning person, accomplishing my goals with ease. Interested in software development, data science, and learning how all the things in the world work as well as improving them.

IT/Technical skills

- Python intermediate
- Java intermediate
- C# intermediate

- SQL advanced (Oracle, Postgres, others)

- JavaScript intermediate
- PHP intermediate
- JavaScript Frameworks
- Cambridge C1 English level

Career summary

May 2018 - June 2018   **Smart Traffic Light System**

This project was developed as part of my education, we developed a smart traffic light system using Artificial Intelligence as a motor for Object Detection. Then, we used an Arduino microcontroller to communicate data to the stoplights.

- Python and OpenCV as main tools, while using MobileNetSSD as our base AI model.
- We used CSV files written by the Python script where we stored the pictures and data about them to display them in an interface made with Java.
- The project was one of the most useful in terms of real-world application and allowed us to continue developing similar projects

October 2018 - present   Digital Technology Intern @ General Electric Aviation (GEIQ)

October 2018 – November 2019 Full Stack Developer

Part of an IT-centered team in charge of developing different tools with the purpose of aiding the financial and operational teams of the company.

- 2 applications developed from scratch using Angular and NodeJS
- 4+ maintenance and refactoring projects on legacy apps

Development of Data mining-related activities, helping mainly the operational teams of the company.

- Developing queries, views, materialized views (Data Warehouse on Oracle), and ETL's (Pentaho) to generate data structures consumed by dashboards (Spotfire) that show business and finance data.

November 2019 – present   Analytics Developer

Development of analytics projects focused on an aerospace environment.

- Development of data structures, queries (Greenplum), ETL's (Dataiku), and dashboards (Spotfire) that help field engineers recognize possible issues presented on the aircrafts

Education and qualifications

- **Systems Engineering Degree -** Universidad Politécnica de Querétaro
  2017 - present (expected graduation: 2020)

Extracurricular activities

March 2017 - present   Magic: The Gathering Level 2 Judge

I'm the youngest person with a Level 2 certification worldwide. I'm currently part of an active translation team, and community management team, as well as participating as a key member in world-wide events.

I have managed events from 30 to 600 players, while also managing teams of other judges with different tasks. I have been in charge of the logistics of such events, providing me with experience on logistics and administration management, as well as the leadership to coordinate such a large number of players and staff.

Since most of the work is done in teams, I have experience working with people in different time zones, with different ideas and different solutions, so I feel really comfortable working in teams. As these tournaments have to be run under certain time limits, I'm used to working under pressure with no problems.