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José Ángel García Gómez

EDUCATION

Instituto Tecnológico de Estudios Superiores de Monterrey (ITESM) — August 2020 - June 2024
Bachelor's in Computer Science and Technology — *GPA 95/100*

EXPERIENCE

Globalhitss — August 2023 - Present
Leader QA Tester
- **Development** of the automation pipeline for the tests of the critical features of the app using Appium, Gherkins and Cucumber on Java.
- Tests cases **definition** and validation.
- **Leadership** of QA tester interns, ensuring effective task management and team collaboration by assigning and monitoring key tasks.

Kabale S.A. de C.V. (Freelancer) — March - September 2022
Web App Developer
- **Development** of a web application that optimizes business processes and improves at least 20% of their productivity.
- **Led** a 3-members team.
- **Full-stack** developer role using HTML, CSS, JavaScript, PHP, and PostgreSQL.
- Business understanding.

MAJOR PROJECTS

Planogram verifier app — August - December 2023
- **Development** of a React native app for the planogram verifier.
- **Implementation** of a convolutional neural network for the planogram validation process using a **Resnet18** architecture.
- **Implementation** of a Flask server to process the image data from the app.

Online Retail Solution for Car Dealerships — January - May 2023
- Assumed the position of a full-stack developer, using **ReactJS** and **NodeJs**
- **Designed** and **built** a self-administered web application to facilitate online retail operations for automotive dealerships.
- **Led** and managed a team of five members.
- **CI/CD** pipeline implementation through Github Actions in a GCP VM.
- **Unit testing** for the Restful API developed using Jest

Multiagent Traffic Simulation — November - December 2022
- A **multi-agent** system designed to enhance traffic flow through intelligent traffic light control.
- **Teamwork** of 4 members.
- **Developed** a Python algorithm utilizing the MESA library for agent management.
- **Deploying** a Flask server to transmit data from a Python algorithm to the visual interface.

SKILLS

Programming Languages	**Technologies**	**Languages**
- Intermediate: JavaScript, Python, Java - Basic: C++, PHP, Kotlin, Swift	- ReactJS, React Native, Express, MongoDB, SQL, Git, AWS, Cucumber, Gherkins, Appium, Jest	- Intermediate: English

COURSES

- Scrum Master Roles
- MIT xPRO - Fullstack Development with MERN stack
- Visual Elements of User Interface Design
- Work smarter, not harder: Time management for personal and professional productivity
- Project Management: The basics for success

LEADERSHIP AND AWARDS

- 3rd Place in DSC National Datathon by ITESM Campus Monterrey 2024
- 1st Place in HackMX Regional Hackathon by ITESM Campus Ciudad de Mexico 2023
- 1st Place in Hackathon by ITESM Campus Puebla: Discorruption 2022
- Participation in ICPC Mexico 2021 Classifiers