

MIGUEL LOPEZ

SOFTWARE DEVELOPER

EXPERIENCE

Junior Data Scientist - Inuvialuit Regional Corporation.

January 2023 - Present

- Worked extensively with various types of data, including CSV, audio, text, and geospatial.
- Developed a Progressive Web App (PWA) to facilitate language learning and practice among the Inuvialuit community.
- Created dashboards displaying tables and charts to visualize and communicate historical data insights effectively.
- Contributed to the development of a printed Factbook containing essential statistics about the Inuvialuit Region.

Back-End Developer - ZellerAI (Project)

November 2023 - Present

- Automated AI bot that receives and sends SMS using OpenAI API and Twilio.
- Python-written Microservices Architecture with FastAPI, implementing Pub/Sub on Google Cloud Platform.

EDUCATION

Web Development Diploma

BrainStation - Vancouver, Canada 2022

- Electronic Arts™ Industry Project .
- Consistently provided assistance to classmates .

B.Sc Industrial Engineering with minor in Systems

Tecnológico de Monterrey - Mexico 2019

- Member of the Sustainable Group: Creation of the 1st sustainable fair.
- Innovative Entrepreneurship Modality.

VOLUNTEERING

Hack for LA - Full Stack Developer

- Web page maintenance.

CONTACT INFORMATION

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Github : </lopezpedres>

PERSONAL PROFILE

Hands-on, dynamic, data-loving, and curious Engineer with deep interest in Web Development, Generative AI and Data Science. Always excited to learn new technologies. I thrive on working with a team as well as independently. I enjoy self learning and undertaking new challenges.

SKILLS & LANGUAGES

Object Oriented and Functional Programming, Microservices, Prompt Engineering, JavaScript, Python, SQL, TypeScript, CSS, HTML, Node.js, FastAPI, Express, Flask, React, Svelte, Jupiter Notebooks, Numpy, Pandas, Redis, Firebase, Postgresql, Docker, Postman, Git, Jira, Github, Azure and Google Cloud.

English - Professional Level

Spanish - Native Speaker

French - Beginner

COMPETENCES

Teamwork-driven Emotional Intelligence

Entrepreneurial Strong Work Ethic

Critical Thinking Project Leader

CERTIFICATIONS

Indigenous Canada - University of Alberta

Python for Data Science, AI & Development - IBM

Data Structures - U. of Michigan