

Ismael Porto García

ismael-porto



(+52) 55 2243 7643



porto-o



ismaelporto.com



ismael.porto2003@gmail.com



EDUCATION

Escuela Superior de Computo – Instituto Politecnico Nacional

- B.S. in Data Science GPA 86/100

Relevant Courses: programming for data science, calculus, and statistics.

Graduating in June 2026

MIT xPro – Massachusetts Institute of Technology

- Professional Certificate in Coding: Full Stack Development with MERN

Relevant technologies: MongoDB, React, Express, Docker, Linux.

October 2022 – October 2023

EXPERIENCE

Junior Web Developer

Freelance

December 2021

- Developed a web app of e-commerce to promote a local business selling various items. Created using Wordpress toolkit, implemented PHP to configure domain properties and protocols.
- Learned how to use PHPMyAdmin, which is a tool to manage administration of MySQL over the web.

SCHOLAR PROJECTS

Bad Bank

August 2023

- Coded a full-stack application that simulated bank operations, such as deposits, withdrawals and transfers. Implemented secure architecture using algorithms to encrypt data such as hash in jwt.
- Developed using ReactJS, MongoDB, NodeJS, Express, Docker.

Crime prediction in Mexico City

June 2022

- Collaborated in a team as a data engineer and data analyst.
- Analyzed and cleaned over 1,000,000 datapoints with machine learning algorithms such as KNN and Simple Imputation.
- Worked with data science technologies like Pandas library, NumPy, Sklearn, Matplotlib and Seaborn.

E-Market

December 2021

- Collaborated in a team as a full stack developer to build a web application that helped completely the logistics of a restaurant during Covid-19 times.
- Worked with MongoDB, Express, ReactJS, NodeJS and security tools such as RSA cipher.
- Participated in ExpoBatiz and got 1st place out of 50 projects and got an article published in a science magazine.

EXTRACURRICULAR

Microsoft Imagine Cup 2024

September 2023 - Present

- Participating in a team as a developer to build software that can solve the objective of sustainable development on health and well-being proposed by the UN.
- Working with Azure AI services, Azure Machine Learning and Azure AI infrastructure.

Nous, Data Science Community

August 2023 – Present

- Leading a data science community and spreading data knowledge to students using social media.
- Collaborating as a content creator, speaker, and mentor. Looking forward to making events like meetups.

Porto Notes

August 2023 - Present

- Contributing as a technical writer in my blog. Sharing knowledge about data science, Oracle database, SQL, OLAP operations and machine learning using Python.
- Using Typescript and React to manage interface and markdown to edit files.

Google Developer Student Club UPIITA Core Team

September 2022 - Present

- Collaborated as a mentor of a Python Course. Taught concepts of computer science and Python to over 20 students.
- Covered several topics, from data structures and algorithms such as stack and binary search through memory allocation.

SKILLS

- Languages:** Advanced English with B grade on Cambridge Certification.
- Programming Languages:** (+3 years) Python, Java, (+2 years) JavaScript, C.
- Technologies:** (*familiar*) Git, Jupyter, Linux, SQL, Docker, Pandas, Sklearn, Matplotlib, React, Object Oriented Programming, Functional programming, MongoDB, Oracle Database, XML.
- Courses:** Introduction to Machine Learning by Kaggle, Financial Education Diploma by CONDUSEF, Object Oriented Programming with Java by Grupo CODESI