

ALEJANDRO ALVAREZ ETCHEGARAY

Software Engineer

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Guadalajara, Jalisco

LANGUAGES

English – Professional

Spanish – Native

French – Intermediate

Portuguese – Basic

SKILLS

Python

Data Mining

Machine Learning

Linux/Unix

Shell Scripting

Web Development

Data Modeling

Kafka

Spark

EXPERIENCE

Senior Software Developer, Oracle; Guadalajara, Mexico — 2021-present

- Machine Learning engineer in *Network Data Analytics Function* for 5G.
- Create, benchmark and deploy ML models using network data and server monitoring data.
- Created a reliable and scalable framework for training and executing models in production.

Software Developer, self-employed — 2019-present

- Develop software tools for clients based on their needs.
- Created a framework for hosting live virtual events and conferences.
- Created mobile apps for a law firm.
- Smaller projects such as connectors/interfaces for interactions between bigger existing systems.
- Most of the projects were developed in Python using Django.

Software Developer, Oracle; Guadalajara, Mexico — 2016–2019

- Developer for the products *Big Data Cloud Service* and *Big Data Appliance*.
- Worked doing automation and orchestration for the installers of all the software bundled (Hadoop clusters).
- Maintaining and updating Linux images for deployments in the cloud and on premises working mostly with network configuration.
- Created and maintained a software firewall CLI tool for Big Data Cloud Service.

Web Development Intern, Azurlingua; Nice, France — 2015

- Php developer for www.bonjourdefrance.com.
- Ported old projects to Laravel Php framework.

EDUCATION

MSc. Data Science and Advanced Analytics, 2021

Thesis Title: *Portfolio Optimization Using Evolutionary Algorithms*

Universidade Nova de Lisboa; Lisbon, Portugal

BSc. Computer Science and Technology, 2016

Tecnológico de Monterrey; Cuernavaca, Mexico