



# ALEJANDRO ALVAREZ ETCHEGARAY

Software Engineering / Data Science

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## SKILLS

Python	Linux
System Dev	Bash
Statistics	PHP
ML	Web Dev
SQL	Databases
Spark	ETL
Perl	Data Mining

## SOFT SKILLS

Strong communication skills.

Independent & self-motivated.

Experience coordinating people to achieve goals.

Able to adapt to people from different cultures and different work environments.

## LANGUAGES

**English** – Professional

**Spanish** – Native

**French** – Intermediate

**Portuguese** – Intermediate

## EXPERIENCE

### Software Developer, Self-Employed; Lisbon, Portugal – 2019–Present

Develop software tools for clients based on their needs. From planning to deploying. Projects:

- Mobile app *Alerta Migrante* (2019)
- Mobile app *Sembrando Vida* (2019)
- Process Maker integration with Mifiel (2020)

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

Developer for Big Data Cloud Service and Big Data Appliance, mainly Bash, Perl and Python stack. Projects and responsibilities:

- Development of Cloudera's Template based installation for BDCS on OCI.
- Development and bug fixing of networking scripts, for automatic configuration in BDCS.
- Design, Development and maintenance of a software firewall for BDCS.
- Responsible for making sure BDCM software installations in customer sites were successful.

### Web Development Intern, Azurlingua; Nice, France – 2015

Php developer for [www.bonjourdefrance.com](http://www.bonjourdefrance.com).

### Developer Intern, TerLOC; Cuernavaca, Mexico – 2014–2015

Mobile development intern (iOS) [www.teraloc.com](http://www.teraloc.com).

## EDUCATION

### MSc. Data Science and Advanced Analytics, 2020

**Thesis Subject:** *Evolutionary Algorithms for Portfolio Optimization*

Universidade Nova de Lisboa, Lisbon, Portugal

### BSc. Computer Science and Technology, 2016

Tecnológico de Monterrey, Cuernavaca, Mexico