

**GARY STEFANO ULLOA** 

## **PORTFOLIO**

# AUTOMATIC RECOGNITION OF HUMAN EMOTION USING FACIAL FEATURES. 2019

Computer science thesis on visual detection of emotions using Machine Learning, Deep Learning, PyTorch and Data Processing.

#### CASHIER. 2018

Mobile app for managing expenses with friends. Developed using Javascript, Node.js and Redis.

#### FREESPOTS, 2018

Business plan group project across 3 months around the idea of an app that informs students of free spots at their libraries. Innovation, start-up mentality.

#### 3D Printing Housing Project. 2015

Research on the technological feasibility of using 3d printers to build houses for low-income world areas. Use of SketchUp.

### **LANGUAGUES**

ENGLISH - PROFICIENCY LEVEL

SPANISH - NATIVE LEVEL

CATALAN - NATIVE LEVEL

GERMAN - NOVICE LEVEL

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**Computer Science** undergraduate in Barcelona currently looking for **machine learning** and data science **job** opportunities in **Munich** 

## **SKILLS**

#### MACHINE LEARNING AND DATA SCIENCE

Artificial intelligence, deep learning, data mining, statistics, data analysis.

Python, Pytorch, Numpy, Matlibplot, Weka, Matlab.

### **FULL-STACK WEB/APP DEVELOPMENT**

REST, API, database SQL and noSQL

Javascript, Java, Node.js, MySQL, Redis, HTML, CSS, Ajax

#### **SOFTWARE ENGINEERING**

UML, programming patterns, OOP, algorithms, data structures

C++, Java, GitHub

#### **ADDITIONAL EXPERIENCE WITH**

NLP, interactive systems, computational logic, graphics, robotics, knowledge and innovation management

## **EDUCATION**

# COMPUTER SCIENCE ENGINEERING, UNIVERSITAT POMPEU FABRA. 2015-2019

My main interest: machine learning and data science courses Strong mathematical formation

I placed much value on innovative subjects and soft-skills