



**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.

### **FREE SPOTS. 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.

## LANGUAGES

ENGLISH – PROFICIENCY LEVEL

SPANISH – NATIVE LEVEL

CATALAN – NATIVE LEVEL

**PERSONAL SITE:** [HTTPS://STEFANULLOA.GITHUB.IO](https://stefanulloa.github.io)

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Computer Science undergraduate in Barcelona currently looking for machine learning, web development or software engineering job opportunities in Munich

## SKILLS

### **MACHINE LEARNING AND DATA SCIENCE**

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

Python, Pytorch, Numpy, Matplotlib, Weka, Matlab.

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

REST, API, database

Javascript, React, Java, Node.js, Express, MySQL, MongoDB, Redis, HTML, CSS, Ajax, Axios

### **SOFTWARE ENGINEERING**

UML, programming patterns, OOP, algorithms, data structures

C++, Java, GitHub

### **ADDITIONAL EXPERIENCE WITH**

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

## EDUCATION

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

My main interest: machine learning, data science and web/app development courses

Strong mathematical formation

High value on soft-skills and innovation/business subjects