



STEFANO ULLOA

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

EMAIL: [GARYS.2025@GMAIL.COM](mailto:GARYS.2025@GMAIL.COM)

[GITHUB.COM/STEFANULLOA](https://github.com/stefanulloa)

[WWW.LINKEDIN.COM/IN/STEFANO-ULLOA](https://www.linkedin.com/in/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.

## LANGUAGES

ENGLISH – PROFICIENCY LEVEL

SPANISH – NATIVE LEVEL

CATALAN – NATIVE LEVEL

## SKILLS

### MACHINE LEARNING AND DATA SCIENCE

Deep learning, data mining, probability, statistics, data analysis.

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

### FULL-STACK WEB/APP DEVELOPMENT

REST, API, databases

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

### SOFTWARE ENGINEERING

Engineering principles, programming patterns, UML, testing, OOP, procedural prog, common algorithms, data structures

C++, Java, GitHub

### ADDITIONAL EXPERIENCE WITH

Interactive systems, distributed applications, graphics, computational logic, robotics, cryptography, signal analysis

## EDUCATION

### COMPUTER SCIENCE ENGINEERING, UNIVERSITAT POMPEU FABRA (BARCELONA). 2015-2020

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

Strong mathematical formation

High value on soft-skills and innovation/business subjects