

# Raúl Lozano Martín

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<https://raullm7.github.io>

## EDUCATION

**University of Manchester** (2015-2019, UK)  
BSc (Hons) in Software Engineering with Industrial Placement, GPA: First Class (Hons)

**Colegio Agustinos Recoletos** (2013-2015, Spain)  
Cum Laude Graduate, Selectivad's grade: 12.5 / 14

### Online Courses

Machine Learning - Stanford (Coursera)  
Probability and Statistics - Stanford (Lagunita)  
Discrete Optimisation - Melbourne (Coursera)  
Blockchain & Bitcoin - Richard Hopp (Udemy)

## WORK EXPERIENCE

**Skyscanner - Software Developer Intern**  
(June 2017 - August 2018, Scotland)  
- Part of the team in charge of Skyscanner's search controls and results page.  
- Developed new innovative features working together with diverse professionals.  
- Developed microsites and node servers to support front and back end functionality.

## PROGRAMMING

**JAVA** – Proficient (continuously used during degree which was based on 'Java Just in Time' by J. Latham).

**C** – Proficient (used for the 'Algorithms and Imperative Programming' second year module).

**JS/React/JQuery/Node** – Proficient (used during industrial placement year as a web developer).

**Python** – Conversational (used for independent projects and back-end during industrial placement year).

**Bash** – Conversational (used as underlying OS for tools like Docker).

## LANGUAGES

**Spanish** - Native (ILR level 5)

**English** - Fluent (ILR level 4)

## PROJECTS

**Bananamole.com** *Co-founder, Lead Developer*  
(Since 2016, UK)

- Provides a solution for students wishing to teach, learn and share knowledge.

**HFCrypto** *Co-founder, Developer*  
(Since 2017, UK)

- A deep-learning cryptocurrency trading algorithm written in Python (Tensorflow).

**GainerLoserTrader** *Founder, Developer*  
(Since 2017, Spain)

- Heuristic algorithm which analyses behaviour of best and worst cryptocurrencies (by earnings) at high frequency and simulates trading them in a virtual sandbox.

## HACKATHONS

**Great Uni Hack** *University of Manchester*  
(Winter 2015, UK)  
Developed what later would become Bananamole.

**HackLondon** *University College London*  
(Spring 2016, UK)  
Developed the routesearcher.com travelling tool, with a data scientist from the University of Texas.

**Hackkings 3.0** *Kings College London*  
(November 2016, UK)  
Created a website to give Shazam cross-platform capabilities so that it can be used on any device.

**StudentHack** *University of Manchester*  
(Spring 2016, UK)  
Developed what later would become HFCrypto.

## INTERESTS

**Literature** - Avid reader. A list of all the books I have read or am currently reading can be found on my personal website.

**Music** - Member of various small bands as a guitarist.

**Debate** - Member of debating societies at university and at high school, specifically interested in politics.