

Raúl Lozano Martín

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EDUCATION

University of Manchester (2015-2019, UK)
BSc (Hons) in Software Engineering with Industrial Placement, GPA: First Class (Hons)
Relevant modules include: Algorithms & Imperative Programming (88%), Distributed Computing (84%), Fundamentals of AI (83%).
Bachelor Thesis: RNA folding using propositional solvers.

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)

WORK EXPERIENCE

Skyscanner - Software Developer Intern
Edinburgh, UK (June 2017 - August 2018)
- 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)
Started the development of HFCrypto's algorithm.

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.