



Computer Science graduate  
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# HUGO FERRANDO SEAGE

## EDUCATION

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**U-tad** 2017–2018  
Master in Graphics Computing and Simulation

**Universidad Europea de Madrid** 2014–2017  
Bachelor's Degree in Computer Science  
*Thesis:* [Natural language processing based film recommendation engine](#)  
*Activities:* Robotics Club, Data Science Lab  
*GPA:* 7.8/10

**Univ. Politécnica de Madrid** 2012–2014  
Bachelor's Degree in Computer Science  
*Activities:* ACM Student Chapter

## TECHNICAL KNOWLEDGE

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Python, C++, Go, Javascript ES7, Bash

Apache Spark, React, Angular, Flask, OpenGL,  
Android SDK & NDK

GNU/Linux, Git, SSH, GPG, L<sup>A</sup>T<sub>E</sub>X,  
Markdown, Nginx, Jenkins

## LANGUAGES

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English      Spanish      Italian

## CERTIFICATIONS

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Certificate in Advanced English (CAE)  
CCNA 1: Introduction to Networks  
CCNA 2: Routing and Switching Essentials  
CCNA 4: Connecting Networks

## EXPERIENCE

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**Telefónica I+D** 12/2017–  
Software Engineer for SmartDigits

**Telefónica ~ Talentum** 09/2016–11/2017  
Several Telefónica I+D & LUCA projects  
Recommendation engine improvements of  
Telefonica's video on demand service Movistar+

**Product Hackers** 06/2016–10/2016  
Development of web apps and chat bots using  
Angular 2 and Ionic 2 for mobile devices and  
the web

**UEM** 09/2015–03/2017  
[Prediction model of users and their opinion, based on Amazon review texts, using distributed computing](#)  
Motion detection of people swimming in pools and beaches using OpenCV  
[Android app to detect, alert and register traffic violations using OpenCV](#)

## PROJECTS

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[Intel 8080 emulator](#): Space Invaders emulator for MacOS written in C++ and OpenGL  
[CHIP-8 interpreter](#): CHIP-8 emulator for Windows and Linux  
[ovpn](#): OpenVPN based VPN provider  
[ViajeFácil](#): Management software for flight agencies  
[CV-Parser](#): CV management system using Name Entity Recognition and bayesian networks  
[Human Rescue Bot](#): Laureate Awards for Excellence in Robotics Engineering 2016 1<sup>st</sup> place winner