



Computer Science graduate  
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# HUGO FERRANDO SEAGE

## EDUCATION

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**U-tad** 17 – 18  
Master in graphics programming and simulation

**Universidad Europea de Madrid** 14 – 17  
Bachelor's Degree in Computer Science  
*Thesis:* [Natural language processing based film recommendation engine](#)  
*Activities:* Robotics Club, Data Science Lab  
*GPA:* 7.8/10

**Universidad Politécnica de Madrid** 12 – 14  
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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Advanced english Native spanish  
Native italian Basic french

## 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** dec 17 –  
Software Engineer for SmartDigits

**Telefónica ~ Talentum** sep 16 – nov 17  
Several Telefónica I+D & LUCA projects  
Recommendation engine improvements of  
Telefonica's video on demand service Movistar+

**Product Hackers** jun 16 – oct 16  
Development of web apps and chat bots using  
Angular 2 and Ionic 2 for mobile devices and  
the web

**UEM** sep 15 – mar 17  
[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