Computer Science graduate
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# Hugo Ferrando Seage

## EDUCATION

**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

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

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

GNU/Linux, Git, SSH, GPG, LaTeX, Markdown, Nginx, Jenkins

## LANGUAGES

Advanced english    Native spanish
Native italian        Basic french

## CERTIFICATIONS

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

## EXPERIENCE

**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

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. Colaboration between UEM & Unisys
CV-Parser: CV management system using Name Entity Recognition and bayesian networks. Collaboration between UEM & Everis
Human Rescue Bot: Laureate Awards for Excellence in Robotics Engineering 2016 1$^{st}$ place winner