



4<sup>th</sup> year student  
Bachelor's Degree in Computer Science  
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# HUGO FERRANDO SEAGE

**EXPERIENCE**    **Student Internship at UEM**    Sep 16 — Mar 17  
Prediction model of users and their opinion, based on Amazon review texts, using distributed computing

**Telefónica — Talentum Startups**    Sep 16 — Mar 17  
Recommendation engine improvements of Telefonica's video on demand service [Movistar+](#)

**Student Internship at UEM**    Aug 16 — Sep 16  
Motion detection of people swimming in pools and beaches using OpenCV

**Web developer at Product Hackers**    Jun 16 — Oct 16  
Creating web apps and chat bots using Angular 2 and Ionic 2 for mobile devices and the web

**Student Internship at UEM**    Sep 15 — Jan 16  
Android app to detect, alert and register traffic violations using OpenCV (computer vision and artificial intelligence)

**EDUCATION**    **Universidad Europea de Madrid**    2014 — 2017  
Bachelor's Degree in Computer Science

**Universidad Politécnica de Madrid**    2012 — 2014  
Bachelor's Degree in Computer Science

**TECHNICAL KNOWLEDGE**    **Programming Languages**  
Python, C/C++, Java, Bash, Javascript/NodeJS, Typescript

**Frameworks**  
Apache Spark, Angular 2, Ionic 2, Spring, NLTK, Bootstrap, jQuery

**Tools**  
Git, SSH, GPG, L<sup>A</sup>T<sub>E</sub>X, Android SDK & NDK, Nginx, Jenkins, OpenVPN, DNS (Knot, Unbound, BIND9, DNSSEC, DANE), Btrfs

**Operating Systems**  
GNU/Linux, Microsoft Windows, Android

PROJECTS    [CHIP-8 interpreter](#): Executes CHIP-8 programs in Windows and Linux

[Intel 8080 emulator](#): Executes Space Invaders in Windows

ovpn.io: VPN provider using OpenVPN (offline)

[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<sup>st</sup> place winner

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

LANGUAGES    Advanced english  
Native spanish  
Native italian  
Basic french