



Computer Science graduate  
+34 680 340 463  
[me@hugofs.com](mailto:me@hugofs.com)  
[hugofs.com](http://hugofs.com)

# HUGO FERRANDO SEAGE

## EDUCATION

**U-tad** 2017–2018  
Master's Degree in Computer Graphics and Simulation  
*Thesis:* [Anti-aliasing solutions & temporal anti-aliasing implementation](#)

**Univ. 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

Python, Go, C++, Javascript, Bash

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

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

## LANGUAGES

English      Spanish      Italian

## CERTIFICATIONS

Certificate in Advanced English (CAE)  
Cisco CCNA 1, 2 & 4

## OPEN SOURCE PROJECTS

<https://github.com/hugo19941994>

## EXPERIENCE

**Telefónica R&D** Sep 16–  
First operator to offer OpenID Client Initiated Backchannel Authentication functionality in MobileConnect. Deployed in 17 countries. Active involvement in the GSMA committee.

Enhancements in SmartDigits, a scalable, microservice-oriented B2B REST API which provides customer data insights, with very strict latency requirements.

Fleet monitoring and analysis platform PoC built with React, and an in-house mapping solution for a car rental company.

Recommendation engine improvements of Telefónica's video on demand service Movistar+

**UEM ~ Interim Professor** Nov 18–Jan 19  
Interim professor teaching Data Structures

**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 ~ Research Intern** 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](#)