



# Jesús Alberto Polo

Telecommunications Engineer

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I am a **software engineer** with a strong background in computer networks, interested in cloud technologies and large-scale systems.  
Internet + products + people + beta mindset.

## EXPERIENCE

- October 2019 - Present**  
**Software Engineer**  
Identification and persistence techniques for online advertising.  
Criteo Paris, France
- March - September 2018 (6 months)**  
**R&D Intern**  
Delegation techniques for secure traffic in content delivery.  
Orange Paris, France
- July - Sept 2017 & Feb - Apr 2016 (6 months)**  
**Full-Stack Web Developer**  
Development of functional prototypes (clients: Airbus and MBDA).  
Clover Technologies Madrid, Spain
- July - October 2015 (3 months)**  
**Software Developer**  
Ecommerce optimization and third-party integrations.  
pompeiibrand.com Madrid, Spain
- May 2014 - September 2015 (16 months)**  
**Research Intern**  
Collaboration on several security research projects.  
Evalues Laboratory (UC3M) Madrid, Spain

## EDUCATION

- September 2017 - January 2020 (double-degree)**  
**Master's Degree, Telecommunications**  
Universidad Carlos III de Madrid  
Madrid, Spain
- September 2016 - September 2018 (double-degree)**  
**Diplôme d'ingénieur, Telecommunications**  
IMT Atlantique (ex. Télécom Bretagne)  
Brest and Rennes, France
- September 2012 - June 2017**  
**Bachelor's Degree, Telematics Engineering**  
Universidad Carlos III de Madrid  
Madrid, Spain

## ACADEMIC PROJECTS

- Design of an innovative solution for delegation and optimization of secure traffic in a mobile environment**  
Final thesis at IMT Atlantique (Internship at Orange)  
March - September 2018 (6 months)

## PATENTS

- Method for determining a delegation chain associated with the resolution of a domain name in a communication network**  
FR1873372. Patent pending, filed December 2018.
- Method for acquiring a delegation chain associated with the resolution of a domain name in a communication network**  
FR1873343. Patent pending, filed December 2018.

## PERSONAL PROJECTS

- Technical manager**  
polikracia.com - nonprofit organization
- Small projects and contributions**  
github.com/jesusalber1

## LANGUAGES



## PROFESSIONAL SKILLS

- Technical Skills**
  - Software development (C#, Python, Java and C)
  - Web development (HTML, CSS, JS, NodeJS and ReactJS)
  - Internet (DNS, SSL certificates, Content Delivery Networks)
  - DevOps (Docker, Jenkins, ansible and microservices)
  - Networks (Routing and multimedia protocols)
  - Databases (SQL, NoSQL and graph)
  - Machine Learning (ML algorithms and scikit-learn)
- Other Skills**
  - Communication
  - Decision making
  - Teamwork
  - Creativity

## HOBBIES AND INTERESTS



Traveling



Startups



Sports



Reading