



# Jesús Alberto Polo

Telecommunications Engineer

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I am a **double-degree student** at IMT Atlantique (France) and Universidad Carlos III de Madrid (Spain). I am currently looking for a full-time position in **software engineering**, **data science** or **R&D engineering** in **Paris (France)** starting from **September 2019**.

Internet + products + people + beta mindset.

## EDUCATION

- September 2017 - Present (double-degree)  
**Master's Degree, Telecommunications**  
 Universidad Carlos III de Madrid  
 Madrid, Spain
- September 2016 - Present (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

## EXPERIENCE

- 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.  
 pompeiiibrand.com Madrid, Spain
- May 2014 - September 2015 (16 months)  
**Research Intern**  
Collaboration on several security research projects.  
 Evalues Laboratory (UC3M) 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)
- Dynamic discovery of IoT devices  
Research project at IMT Atlantique  
October 2017 - March 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** (Python, Java and C)
  - **Web development** (HTML, CSS, JS, NodeJS and ReactJS)
  - **Internet** (DNS, SSL certificates, Content Delivery Networks)
  - **Databases** (SQL, NoSQL and graph)
  - **Machine Learning** (ML algorithms and scikit-learn)
  - **DevOps** (OpenStack, Docker, Gitlab and microservices)
  - **Networks** (Routing and multimedia protocols)
- Other Skills**
  - Communication
  - Decision making
  - Teamwork
  - Creativity

## HOBBIES AND INTERESTS

