


# Pedro Jorge

## Security Engineer / Software Developer

Porto, Portugal 

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## EDUCATION

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Faculdade de Ciências da Universidade do Porto

### Bachelor's Degree in Computer Science

July 2020

Relevant courses: Algorithm Design, Databases, Web Technologies, Software Architecture, Mobile Devices, Concurrent Programming, Technical Communication

### Master's Degree in Information Security

Expected graduation: July 2022

Relevant courses: Cryptography, Network Security, Software Security, Security Operations

## WORK EXPERIENCE

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### Junior Researcher @ Faculdade de Ciências da Universidade do Porto

November 2020 – Present

- Studied the detection and prevention of denial-of-service (DoS) attacks on software-defined networks (SDNs).
- Implemented an ONOS cluster to control a software-defined network (SDN), increasing resistance to attacks.

### Software Developer @ First Solutions – Sistemas de Informação, SA

March 2020 - October 2020

- Built a cross-platform mobile application to schedule, consult and manage medical appointments and procedures using Ionic Framework, Angular and Spring.
- Implemented OAuth2.0 based authentication and authorization as a first level of security.

### Pool Lifeguard @ Câmara Municipal de Vila Pouca de Aguiar

June 2019 – September 2019

## SKILLS

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- Experience with various programming languages such as Bash, C, HTML, Java, JavaScript, Python and SQL and frameworks such as Angular, Ionic and Spring.
- Knowledge on Agile development and version control using Git
- Knowledge on application security practices, SIEM solutions and ethical hacking.
- Fluent in English (C2 level by Cambridge University)

## OTHER INTERESTS

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Member of Corpo Nacional de Escutas, largest scout movement in Portugal.

Avid gym goer and sports enthusiast

Occasional gamer, mainly RPG's and FPS's