Pedro Jorge
Security Engineer / Software Developer

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EDUCATION

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

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

- 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

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