

# João Pedro L. Carvalho

STUDENT · M.SC. STUDENT

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## Experience

### Fundação para a Ciência e Tecnologia | FCCN

INTERN

Lisboa, Portugal

Nov. 2017 - PRESENT

- Internship with the security incidents response team (RCTS CERT).
- Restructuring the *Intrusion Detection System* in the data centers operated by the FCCN unit.

### BetaCode (Start-up company)

DEVELOPER

Caparica, Portugal

Feb. 2017 - Jun. 2017

- Developed and implemented a chatbot (in NodeJS with Microsoft Bot Framework).
- Developed enterprise websites with integration in web services.

### NOVA-LINCS

RESEARCH ASSISTANT

Caparica, Portugal

Jul. 2015 - Jul. 2017

- Development of a DHT Protocol to mitigate *churn* problems.

## Education

### Faculdade de Ciências e Tecnologia (Universidade NOVA de Lisboa)

INTEGRATED MASTER IN COMPUTER SCIENCE AND ENGINEERING

Caparica, Portugal

Sep. 2014 - PRESENT

### Escola Secundária Manuel da Fonseca

SOCIO-ECONOMIC SCIENCE

Santiago do Cacém, Portugal

Sep. 2011 - Jun. 2014

## Skills

**Concepts** Security, Networks, Cryptography, Distributed Systems, Parallel/Concurrent Systems, Machine Learning

**Programming** Python, Java, C, SQL

**Languages** Portuguese, English, Spanish

## Extracurricular Activity

### AEFCT

MEMBER - CLUBS COORDINATOR

Caparica, Portugal

Jan. 2017 - Jan. 2018

- Student council for Faculdade de Ciências e Tecnologias.
- Responsible for managing the 29 clubs and 6 student entities of our faculty.
- Organization of several recreational and cultural events.

### JorTec Informática 2017

ORGANIZING COMMITTEE MEMBER

Caparica, Portugal

Jan. 2017

- Two days of talks and workshops about Computer Science and Engineering.

## Presentation

### 7th INForum - Computer Science Symposium

PRESENTER FOR <OUROBOROS: UMA DHT AUTO-ORGANIZÁVEL TOLERANTE A Churn>

Covilhã, Portugal

Sep. 2015

- Presentation of the short article about the Ouroboros Protocol.