# João Pedro **L. Carvalho**

STUDENT · M.SC. STUDENT

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*"The quieter you become, the more you can hear." - Ram Dass*

## Experience

**NOVA-LINCS (Faculty Research Group)**  — *Caparica, Portugal*
RESEARCH ASSISTANT — *Jul. 2015 - PRESENT*
- Development of a DHT Protocol to mitigate *churn* problems.

**BetaCode (Startup Company)** — *Caparica, Portugal*
DEVELOPER — *Feb. 2017 - Jun. 2017*
- Developed and implemented a chatbot (in NodeJS with Microsoft Bot Framework).
- Developed enterprise websites with integration in web services.

## Education

**Faculdade de Ciências e Tecnologia (Universidade NOVA de Lisboa)** — *Caparica, Portugal*
INTEGRATED MASTER IN COMPUTER SCIENCE AND ENGINEERING — *Sep. 2014 - PRESENT*
- Student Council as Collaborator (2016) and Coordinator of the Clubs (2017).
- NOVA-LINCS as research assistant.
- GANK (Recreational Group).

**Escola Secundária Manuel da Fonseca** — *Santiago do Cacém, Portugal*
SOCIO-ECONOMIC SCIENCE — *Sep. 2011 - Jun. 2014*
- Student Council as President of General Assembly Table.
- Dance Group.

## Skills

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|---|---|
| **Programming - Concepts** | Distributed Systems, Parallel/Concurrent Systems, Security, Networks, Cryptography, Algorithms |
| **Programming** | Java, C, SQL, Node.JS |
| **Web** | HTML5, CSS3, JavaScript, PHP, AngularJS |
| **Languages** | Portuguese, English, Spanish |

## Extracurricular Activity

**AEFCT** — *Caparica, Portugal*
COORDINATOR OF THE CLUBS — *Jan. 2017 - PRESENT*
FCT Student Council

**GANK** — *Caparica, Portugal*
MEMBER — *Apr. 2015 - PRESENT*
Organization of recreational events.

**JorTec Informática 2017** — *Caparica, Portugal*
MEMBER OF ORGANIZING COMMITTEE — *Jan. 2017*
Two days of talks and workshops about computer science and engineering.

**AEFCT** — *Caparica, Portugal*
COLLABORATOR — *Jan. 2016 - Jan. 2017*
FCT Student Council

**Expo FCT** — *Caparica, Portugal*
VOLUNTEER — *Apr. 2016*
Reception of secondary school students during the Expo FCT event.

**MARIAS 2016 - XV Festival de Tunas Femininas da FCT/UNL**                    *Caparica, Portugal*
Guide                                                                                          *Feb. 2016*
Accompany and show the faculty campus to a Tuna during the MARIAS Festival.

# **Pre**sentation

**7th INForum - Computer Science Symposium**                              *Covilhã, Portugal*
Presenter for <Ouroboros: Uma DHT Auto-Organizável Tolerante a *Churn*>              *Sep. 2015*
- Presentation of the short article for Ouroboros Protocol.