

João Carvalho

Co-FOUNDER · TRIPLEOAK

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Experience

TripleOak

Co-FOUNDER

Portugal

Sep. 2019 - Present

- Developing the company's technical strategy for using technological resources.
- Delegated CIO: Ensuring technologies are used efficiently, profitably and securely on a manufacturing company.

Accenture

SECURITY ASSOCIATE

Lisbon, Portugal

Nov. 2020 - Jul. 2021

- Banking client: Maintenance of an instance of SailPoint IdentityIQ for thousands of users in a bank.
- Banking client: Maintenance of an instance of SailPoint IdentityIQ for tens of thousands of users in a bank.
- Utility client (minor project): Static and Dynamic application security testing, with manual testing of detected vulnerabilities.

Solactive

STUDENT JOB

Dresden, Germany

Jan. 2019 - Mar. 2019

- Supporting the maintenance of the infrastructure architecture.
- Improving the automation process for the management of the infrastructure.
- Research and implementation of distributed solutions for redundancy and fault tolerance.

Fundação para a Ciência e Tecnologia | FCCN

INTERN

Lisboa, Portugal

Nov. 2017 - Mar. 2018

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

NOVA-LINCS

RESEARCH ASSISTANT

Caparica, Portugal

Jul. 2015 - Jul. 2017

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

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.

Education

Faculdade de Ciências e Tecnologia (Universidade NOVA de Lisboa)

INTEGRATED MASTER IN COMPUTER SCIENCE AND ENGINEERING

Caparica, Portugal

Sep. 2014 - Mar. 2020

- Thesis - A Systems Approach to Minimize Wasted Work in Blockchains (18 out of 20)
- EXPO FCT 2016, 2017 and 2018 Volunteer
- Guide in MARIAS 2016 - XV Festival de Tunas Femininas da FCT/UNL
- AEFCT Collaborator
- GANK Member

Technische Universität Dresden

ERASMUS PROGRAMME

Dresden, Germany

Oct. 2018 - Sep. 2019

Courses & Certifications

Webinspect Foundations Specialist

CREDENTIAL ID 3845CA6E-6997-4F30-9F68-045C45880396

Micro Focus

Jan.2021 - No expiration date

Fortify Automated Specialist

CREDENTIAL ID A018A56A-6F8F-4CCD-900D-CD0228A30FE9

Micro Focus

Jan.2021 - No expiration date

IdentityNow Implementation and Administration: Essentials v19b

CREDENTIAL ID D50ACD9F-9021-3A06-BB62-9CE80C31164C

SailPoint

Nov.2020 - No expiration date

Skills

Fields Security, Networks, Cryptography, Distributed Systems

Languages Portuguese, English, Spanish

Extracurricular Activity

AEFCT

MEMBER - CLUBS COORDINATOR

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

Caparica, Portugal

Jan. 2017 - Jan. 2018

JorTec Informática 2017

ORGANIZING COMMITTEE MEMBER

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

Caparica, Portugal

Jan. 2017

Presentation

7th INForum - Computer Science Symposium

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

- Presentation of the short article about the Ouroboros Protocol.

Covilhã, Portugal

Sep. 2015