



# Hernandez Cardoso Silva

---

Date of birth: 09/03/1989 | Nationality: Portuguese | Gender: Male | (+351) 918534459 |

[cardoso.hs.89@gmail.com](mailto:cardoso.hs.89@gmail.com) | <https://github.com/cardosohs> |

<https://www.linkedin.com/in/cardosohs> | Skype: cardoso.hs |

Estrada de Santo António, nº 5, 9230-101, Santana, Portugal

About me: Researcher at ITI-LARSyS with a degree in Computer Science. Former military at Portuguese Army. I consider myself a curious, resilient and empathetic person, with an unusual set of soft-skills aquired throughout my work/study background.

## ● WORK EXPERIENCE

---

01/07/2020 – CURRENT – Funchal, Portugal

### **FIRST STAGE RESEARCHER (R1) – Interactive Technologies Institute - LARSyS**

---

Currently developing in Unity under the INTERTAGUA project (<http://intertagua.eu>) whose main objectives are:

- Research, develop and test low-cost IoT based sensors;
- Place those sensors in marine megafauna and vessels in the Macaronesian domain;
- Involve citizen, promoting innovative maritime services and ecotourism.

Main responsibilities:

- Research and develop interactive experiences (e.g. mobile XR, Location-aware narratives, ...) that promote awareness of the marine ecosystem;
- Among others, work with: Unity game engine, ARCore SDK, C# Scripting.

21/02/2014 – 21/02/2020 – Lisbon, Portugal

### **SOLDIER, HEALTH SERVICES STAFF – Portuguese Army**

---

I worked as a health technician at Colégio Militar where, together with a multidisciplinary team (Physician, Nurse, Psychologist) we assisted its students and personnel.

Main responsibilities: first-aid care, clinical process management, registration of daily clinical care.

11/2009 – 05/2010 – Porto, Portugal

### **SHOP ASSISTANT – Springfield - Bizarro & Milho S.A.**

---

Main responsibilities: Customer service, Store maintenance, Warehouse management

10/2008 – 07/2009 – Porto, Portugal

### **RESEARCH GRANT (CIIMAR/C2008/BII/01-25) – Centro Interdisciplinar de Investigação Marinha e Ambiental**

---

Subject: Otoliths as chronological markers of aquatic heavy metal pollution.

Main responsibilities: Maintenance of marine species (European eel, *Anguilla anguilla*), extraction, polishing and conditioning of otoliths for lab analysis.

## ● EDUCATION AND TRAINING

---

09/2015 – 07/2019 – Lisbon, Portugal

### **COMPUTER SCIENCE, LICENTIATE DEGREE – ISCTE - Instituto Universitário de Lisboa**

---

Computational Systems and Architecture; Operating Systems; Algorithms and Data Structure; Programming Paradigms (functional, imperative, object-oriented); Language Processing; Concurrent and Distributed Programming; Network Programming; Computer Networks and Communication; Software Engineering; Math (calculus, logic, algebra); Physics; Signal Theory

14 | EQF level 6

09/2010 – 07/2013

## **NURSING, LICENTIATE DEGREE ATTENDANCE – Escola Superior de Enfermagem do Porto**

---

Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Disease Management, Healthy Aging, Prescription-based Intervention, Ethics

09/2007 – 07/2009 – Porto, Portugal

## **AQUATIC SCIENCES, LICENTIATE DEGREE ATTENDANCE – Instituto de Ciências Biomédicas Abel Salazar**

---

Marine Biology, Aquatic Ecology, Aquaculture, Aquatic Resource Management, Environmental Management

### ● **LANGUAGE SKILLS**

---

Mother tongue(s): PORTUGUESE

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### ● **DIGITAL SKILLS**

---

Unity 2D/3D | C# in Unity | Google Arcore | SCRUM / Agile | Work management tools (Trello, Slack) | GIT (GitHub) | Java8 | Python3 | NoSQL (Redis, MongoDB) | SQL/MYSQL | HTML/CSS/JS/NodeJS | Basic React Redux | Microsoft word, Excel

### ● **ORGANISATIONAL SKILLS**

---

**Conflict Resolution, Teamwork**

---

### ● **COMMUNICATION AND INTERPERSONAL SKILLS**

---

**Oratory, Empathy, Self-motivation**

---

### ● **CONFERENCES AND SEMINARS**

---

16/07/2018 – 20/07/2018 – Lisbon

**Outsystems - Low-Code Software Development Summer School**

---

### ● **COURSES**

---

10/04/2020

**Udemy - Complete 2020 Web Development Bootcamp**

---

### ● **DRIVING LICENCE**

---

Driving Licence: B