



## Hugo Silva

**Nationality:** Portuguese **Date of birth:** 17/09/2002 **Gender:** Male

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🌐 **Website:** <https://hugoesilva.github.io/PersonalWebsite/>

### EDUCATION AND TRAINING

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#### BSc. Computer Science and Engineering

*Instituto Superior Técnico* [ 31/08/2020 – 31/07/2023 ]

Address: Av. Rovisco Pais 1, 1049-001 Lisbon (Portugal)

Website: <https://tecnico.ulisboa.pt/en/>

Final grade: 17.35/20

#### Secondary School Diploma

*Escola Secundária Francisco Franco* [ 31/08/2017 – 31/07/2020 ]

Address: Rua João de Deus nº9, 9054-527 Funchal (Portugal)

Website: <https://escolas.madeira-edu.pt/esffranco/Entrada>

Final grade: 20/20

### WORK EXPERIENCE

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#### Internee

*Critical Software (criticalsoftware.com)* [ 01/07/2022 – 31/07/2022 ]

City: Coimbra

Country: Portugal

Website: [criticalsoftware.com](https://criticalsoftware.com)

Link: [https://drive.google.com/file/d/1yFHQm5rAyz2RrX8Wcs3NNs88xz-YxQtq/view?usp=share\\_link](https://drive.google.com/file/d/1yFHQm5rAyz2RrX8Wcs3NNs88xz-YxQtq/view?usp=share_link)

Development of an application related to virtual cycling where, with the use of a real bicycle and a VR headset, an immersive experience could be provided to the user.

### TEACHING

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#### Programming Instructor for TreeTree2 Afterschools Program

[ 01/10/2022 – 01/12/2022 ]

Afterschool by treetree2 is a program with various courses, that encourages students of many ages to delve into subjects that are not presented early in school. All of the content presented in these courses is created by teachers, engineers, investigators and the highest calibre of students that the country has to offer.

The course I am participating on is Programming, where we intend to teach all the first steps into becoming an elite class programmer.

Links: <https://treetree2.school/cursos/programacao/2022-04> | [https://drive.google.com/file/d/1UFJ4A\\_hsjyVRVXWPFoX-YdUsCHhbDY9A/view](https://drive.google.com/file/d/1UFJ4A_hsjyVRVXWPFoX-YdUsCHhbDY9A/view)

### RELEVANT SUBJECTS

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#### BSc. Computer Science and Engineering at Instituto Superior Técnico

Introduction Computer Architecture - 17/20

Differential and Integral Calculus II - 17/20  
Introduction to Algorithms and Data Structures - 19/20  
Logic for Programming - 20/20  
Discrete Mathematics - 17/20  
Differential and Integral Calculus III - 17/20  
Electromagnetics and Optics - 17/20  
Business Management - 19/20  
Object Oriented Programming - 19/20  
Operating Systems - 18/20  
Machine Learning - 19/20  
Probability and Statistics - 17/20  
Human-Machine Interaction - 20/20  
Theory of Computation - 17/20  
Artificial Intelligence - 18/20  
Mechanics and Waves - 18/20

## **HONOURS AND AWARDS**

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### **Academic Merit Award**

Instituto Superior Técnico [ 2021 ]

### **Secondary School Excellence Certificate**

Escola Secundária Francisco Franco [ 2020 ]

### **Prémio Ordem dos Engenheiros - Região Madeira 2020**

<https://www.ordemengenheiros.pt/pt/a-ordem/regiao-madeira/> [ 30/12/2020 ]

Merit award attributed to the madeiran student with the highest secondary school gpa that enrolled in a Engineering Bachelor's Degree.

Links: <https://www.ordemengenheiros.pt/pt/atualidade/noticias/premios-ordem-dos-engenheiros-regiao-madeira-1/> | [https://drive.google.com/file/d/1Qr-9qlq91THcugk6dSsOfolqIUvAvRt/view?usp=share\\_link](https://drive.google.com/file/d/1Qr-9qlq91THcugk6dSsOfolqIUvAvRt/view?usp=share_link)

## **C2 IELTS | B2 FCE | CAMBRIDGE ENGLISH**

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### **English School Education**

[ 31/08/2011 – 31/07/2018 ]

Valid C2 level (8.5 average) at IELTS exam. (completed on July 27th, 2022)

## **LANGUAGE SKILLS**

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Mother tongue(s): **Portuguese**

**Other language(s):**

**English**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

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

## **DIGITAL SKILLS**

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### **Programming**

Assembly, C, C++, Java, JavaScript, Python, Prolog, R, SQL, Figma

## **MAIN ROLE IN ADVERTISEMENT**

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### **Main role playing Cristiano Ronaldo in advertisement for Portuguese bank**

In "Uma mudança na vida" advertisement, I play the role of a young Cristiano Ronaldo living in Madeira Island. This advertisement features Ronaldo's full path to success as a player for, at the time, "Real Madrid".

Link: <https://youtu.be/zkCqL53H1z4>

## **HOBBIES AND INTERESTS**

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### **Football**

Trained high level football for 10 years.

### **Guitar Playing**

Self taught guitar player, mainly finger style. High interest in developing further skills.

### **Computer Gaming**

Competitive first person shooters, as well as survival, progress and development games.

Appreciator of indie games.

### **Physical Fitness**

Practitioner of moderate weight lifting and general physical fitness.

### **Travelling**

Interest in travelling as a way of getting acquainted with other cultures.