



## Carlota Joana Mendes Lemos

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🌐 **LinkedIn**: [www.linkedin.com/in/carlotamlemos](https://www.linkedin.com/in/carlotamlemos)

**Work permit**: Portuguese **Gender**: Female **Date of birth**: 24/02/2006 **Place of birth**: Viana do Castelo, Portugal **Nationality**: Portuguese

### ABOUT ME

I am currently a **first-year Computer Engineering student** at the **Instituto Superior de Engenharia do Porto (ISEP)**, with a strong interest in technology and its potential to transform the world. Committed to learning and developing technical skills in this rapidly evolving field, I have been building a solid foundation in **programming, algorithms, mathematics, and software development**, along with familiarity with **Agile methodologies**.

My goal is to apply this knowledge to **innovative projects**, combining my passion for technology with a desire to contribute to solutions that create positive impact.

### EDUCATION AND TRAINING

[ 09/2021 – 06/2024 ]

#### 12th grade qualification certificate

*Escola Secundária de Santa Maria Maior*

**City**: Viana do Castelo | **Country**: Portugal | **Field(s) of study**: Economia | **Final grade**: 17,8 | **Level in EQF**: EQF level 3

[ 09/2024 – Current ]

#### Bachelor's Degree in Computer Engineering

*Instituto Superior de Engenharia do Porto*

**City**: Porto | **Country**: Portugal | **Level in EQF**: EQF level 6

### NETWORKS AND MEMBERSHIPS

[ 10/2024 – Current ]

#### Núcleo de Estudantes de Informática do ISEP Porto

Member of the IT Department

### PROJECTS

[ 04/2025 – Current ]

#### Website do Núcleo de Estudantes de Informática do ISEP

Working as part of a development team to create a modern, responsive website for NEI, the student organization for Informatics Engineering at ISEP. Responsible for front-end development using React and JavaScript. The goal is to build a user-centered platform that promotes NEI's initiatives and serves the student community.

[ 03/2025 – Current ]

#### Website Patrícia Bacelar Psicologia Clínica

Designing and developing a professional website for Patrícia Bacelar Psicologia Clínica, using React and Java Script. The site focuses on accessibility, clarity, and trust, aiming to provide clients with easy access to information, appointment scheduling, and mental health services.

**Link**: [https://github.com/1241330/website\\_patricia\\_bacelar\\_psicologia](https://github.com/1241330/website_patricia_bacelar_psicologia)

[ 12/2024 – 01/2025 ]

#### LAPR1 Final Project - Eigenfaces: Image Reconstruction and Identification

During my first-year Computer Engineering studies at ISEP, I contributed to a **facial recognition project using Eigenfaces for the European Intelligence Agency**. Our **Java application** performed matrix decomposition, image reconstruction and face matching through eigenvector analysis, achieving efficient image compression and identification.

Working under constraints, we implemented modular solutions with unit testing and Scrum methodology. **The project scored 20/20**, strengthening my Java, linear algebra and teamwork skills for future engineering challenges.

**LANGUAGE SKILLS**

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**Mother tongue(s):** Portuguese

**Other language(s):**

**English**

**LISTENING** C1 **READING** B2 **WRITING** B2

**SPOKEN PRODUCTION** B1 **SPOKEN INTERACTION** B1

**Spanish**

**LISTENING** B1 **READING** B1 **WRITING** B1

**SPOKEN PRODUCTION** B1 **SPOKEN INTERACTION** B1

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

**DRIVING LICENCE**

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**Cars:** B1  
**Cars:** B