



# Eduardo Silva

## Informatics Engineer

An independent and proactive individual with a BSc in Informatics Engineering and a MSc in AI Engineering at ISEP, with a strong background in Software Engineering and Web Development, as well as Data Science and Machine Learning, aspiring to a professional career in Artificial Intelligence. Strong team spirit and creativity due to 9 years as a Federated football player and 4 years of experience as a musician.



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## SOFT SKILLS

Communication

Leadership

Teamwork

Flexibility

Proactivity

Independence

Problem Solving

## LANGUAGES

Portuguese

Native or Bilingual Proficiency

English

Native or Bilingual Proficiency

## INTERESTS

Programming

Technology

Artificial Intelligence

Machine Learning

Web Development

Reading

Music

Sports

## EDUCATION

### Master's Degree in Artificial Intelligence Engineering

Instituto Superior de Engenharia do Porto

10/2021 - 10/2023

Average Grade: 19 / 20

- Machine Learning and Data Engineering
- Intelligent Environments & Multi-Agent Systems
- Planning and Decision Making
- Natural Language Processing

### Bachelor's Degree in Informatics Engineering

Instituto Superior de Engenharia do Porto

09/2018 - 07/2021

Average Grade: 18 / 20

- Software and Application Engineering
- Advanced Algorithms and Data Structures
- Data Science and Machine Learning
- Linear Algebra and Computational Mathematics

## WORK EXPERIENCE

### Data & AI Engineer

BMW Group - Critical TechWorks

11/2021 - 10/2023

Porto, Portugal

### Head of Informatics Department

Núcleo de Estudantes de Informática - ISEP

03/2021 - 09/2022

Porto, Portugal

## PROJECTS

### Master's Degree - Predictive Process Mining - (BMW Group) (10/2022 - 10/2023)

Technologies: Python, Jupyter, Pandas, Scikit-learn, Tensorflow, Terraform, AWS, Celonis (Grade: 20 / 20)

### Internship Project - Automatic Contact List Cleaning System (E-go) (03/2021 - 07/2021)

Technologies: JavaScript, Angular.js, PHP, R, Python, Jupyter, FastAPI, Scikit-learn, Pandas, MySQL, SQLite, etc. (Grade: 19 / 20)

## CERTIFICATES

### Machine Learning - Stanford University (Coursera) (60 hours) (08/2020 - 11/2020)

Introduction to Machine Learning (Supervised and Unsupervised Learning), Data Mining and Statistical Pattern Recognition

## HARD SKILLS

Languages: Python, SQL, HTML, CSS, JavaScript/TypeScript, Java, C

Frameworks & libraries: Scikit-learn, PyTorch, TensorFlow, Pandas, FastAPI, Terraform, React.js

Platforms: Amazon Web Services (AWS), Celonis, Jira

## OTHER SKILLS

### Musician (10/2017 - 10/2023)

Guitarist for 4 years, Ballroom Dancer for 2 years and Drummer for 2 years

### Federated Football Player (08/2008 - 08/2017)

Goalkeeper for the clubs União Desportiva Valonguense (2008-2014) and União Desportiva Sousense (2014-2017)