Eduardo Silva
Informatics Engineer

An independent and proactive individual with a BSc in Informatics Engineering and currently attending 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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📍 Porto, Portugal

🖥 eduardocsilva.github.io

in linkedin.com/in/eduardo-csilva

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SOFT SKILLS

Communication

Leadership   Teamwork

Flexibility   Proactivity

Independence

Problem Solving

LANGUAGES

Portuguese
Native or Bilingual Proficiency

English
Full Professional 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 - Present   *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   *Final 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 - Present   *Porto, Portugal*

Head of Informatics Department
Núcleo de Estudantes de Informática - ISEP

03/2021 - 09/2022   *Porto, Portugal*

PROJECTS

Internship Project - Automatic Contact List Cleaning System (E-goi) (03/2021 - 07/2021)
Technologies: JavaScript, Angular.js, PHP, R, Python, Jupyter, FastAPI, Scikit-learn, Pandas, MySQL, SQLite, etc. (Grade: 19 / 20)

Laboratory and Project 5 - Public Transport Planning and Management App (09/2020 - 01/2021)
Technologies: Node.js, React/Redux, C#, .NET Core, Prolog, SQL Server, MongoDB, UML, etc. (Grade: 19 / 20)

Laboratory and Project 4 - Factory Floor Management Application (03/2020 - 07/2020)
Technologies: Java, C, JSON, XML, XSD, XSL, H2 SQL, UML (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, SQLAlchemy, React.js

Databases: MongoDB, Vertica SQL, MySQL, SQL Server, Oracle SQL, SQLite

OTHER SKILLS

Musician (10/2017 - Present)
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)