

João Vasco, Backend Engineer | Machine Learning Engineer | Data Scientist

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PROFILE

Msc Computer Science & Engineering | Backend Engineer | AI & ML | Teaching Assistant

EMPLOYMENT HISTORY

Feb 2024 — Present	Junior Backend Engineer, Unbabel	Lisbon
<ul style="list-style-type: none">• Developed public APIs used by all Unbabel customers, integrating with platforms like Zendesk, Intercom, Freshchat, and other CRMs. Led the migration of clients from acquired companies, a key focus of the organization. (Python)• Built Widn.ai as an Unbabel product from scratch, contributing to core functionalities within a small team. Focused on WebApp development, managing file translation services and integrations with multiple systems. Designed and implemented critical automation workflows. (TypeScript)		
Aug 2023 — Aug 2024	Teaching Assistant Professor, University of Lisbon	Lisbon
<ul style="list-style-type: none">• Course: Human-Computer Interaction.		
Feb 2022 — Aug 2022	Intern Frontend Engineer, Thales	Lisbon
<ul style="list-style-type: none">• Developed a project in the "Innovation Hub Development" sector for Thales, through Junitec		

EDUCATION

Aug 2022 — Oct 2024	Msc - CS and Engineering, Instituto Superior Técnico	Lisbon
<ul style="list-style-type: none">• Final Grade 17/20. Specialized in Data Science and Artificial Intelligence• Master's Thesis: "How to Disappear Online."• Key Courses: Data Science and R, Natural Language Processing, Deep Learning, and AI Service Design.		
Aug 2022 — Aug 2023	Exchange Student , Sungkyunkwan University	Seoul
<ul style="list-style-type: none">• Part of the Applied Artificial Intelligence major, focusing on Image Processing, Data Science, and Systems Security.		
Sep 2019 — Jun 2022	Bachelor - CS and Engineering, Instituto Superior Técnico	Lisbon
<ul style="list-style-type: none">• Key Courses: Distributed Systems, Algorithms, Object-Oriented Programming, Machine Learning		

SKILLS

Python Typescript Javascript	AWS Kubernetes Docker
FastAPI Flask Django Node.js	PostgreSQL MongoDB

Mar 2023 — Present	Freelance AI Researcher, Paatiff	Los Angeles
<ul style="list-style-type: none">• Researching virtual fitting of clothes using Stable Diffusion models, staying updated on the latest model advancements. Contributing to Paatiff's strategy in design and fashion applications.		
Aug 2023 — Oct 2023	Training Program in Solidity, Three Sigma	Lisbon
<ul style="list-style-type: none">• Audits of smart contracts using Solidity with expertise in Game Theory and Network Security.• Knowledgeable in Ethereum, Bitcoin and distributed systems.		

LANGUAGES

Portuguese/Spanish	Native speaker	English	Highly proficient
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EXTRA-CURRICULAR ACTIVITIES

Apr 2010 — Jan 2017	Teamgym, Portuguese Gymnastics Federation	Lisbon
<ul style="list-style-type: none">• National Teamgym Champion 2013-2014 -Awarded by Portuguese Gymnastics Federation · Jun 2014.		