

André Monforte

Based in Porto, Portugal

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Work Experience

2023 - Present	Machine Learning Engineer Amplemarket <ul style="list-style-type: none">Building Machine Learning and Data products for sales teams, with a focus on Generative AI applicationsLed the development of AI Copywriter (personalized sales emails), Duo Inbox (automated email response system), and Duo Voice (voice cloning for personalized voice messages)Created production NLP systems for lead generation that process billions of data points.Upgraded core ML classifiers with LLM architecture and fine-tuned open source models for specialized tasksManaged MLOps infrastructure including CI/CD pipelines, containerized deployments on Google Cloud, and monitoring systems
2020-2023	Data Scientist Defined.ai <ul style="list-style-type: none">Used Data Science and Machine Learning to improve annotation quality and speed and reduce costs on the online data labelling platform NeevoInvestigated speech detection (VAD), background noise prediction (SNR), and micro disturbances detectionAccelerated client's delivery by R&D-ing data processing and validation mechanisms. Reduced client attrition by R&D-ing of data quality metrics. Reduced labour cost by 60% in the speech data pipeline, representing 67% of the company revenue.
2018 - 2020	Consultant/Assistant PwC Portugal <ul style="list-style-type: none">Assistant at the Portuguese representative of a multinational professional services network headquartered in LondonWorked on SIRIS, a platform that automatically generated risk reports for banks using their information systems.Contributed to various projects including GDPR compliance, client segmentation analysis, and corporate reorganization

Education

2020-2021	MSc in Modeling, Data Analysis and Decision Support Systems FEP U. Porto <ul style="list-style-type: none">GPA: 19/20Thesis: "Impact of Vocal Traits Distribution on Speech Applications' Performance and Bias"
2015-2018	BSc in Economics FEP U. Porto <ul style="list-style-type: none">GPA: 17/20Graduated with honors (FEP Pool de Talentos - Top 7 Talents of 2018's FEP's Class)CEO of FEP Junior Consulting, the biggest junior consulting enterprise in Portugal.

Skills

Tech stack	Python R SQL Git Linux Fast API Django Node.js MongoDB SQL PostgreSQL Graph QL Restful APIS Async Docker CI AWS GCP Azure Vector DBs Crew AI OpenAI Langchain
Languages	Portuguese: Native, English: Working Proficiency (C2)