

Riccardo Mei

Software Engineer

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SKILLS

PROGRAMMING

Skilled:

Python • SQL • Java • TypeScript

Familiar:

C • Drools • Bash

TOOLS AND SYSTEMS

Skilled:

Git(Hub) • AWS Suite • Temporal
• Postman/RapidApi • Sentry • Make
• Salesforce • Linux/Unix/Windows

Familiar:

Databricks • Terraform • Heroku
• Docker • PostHog • Pipedrive

LANGUAGES

Italian: Native speaker

English: Bilingual proficiency

German: Elementary proficiency

PROJECTS

AUTOMATED ML PIPELINE

DIAMOND PRICE PREDICTION

github.com/richim96/xtream-ml-pipeline

EDUCATION

42 BERLIN

SOFTWARE ENGINEERING

Jan 2024 - Sep 2024

[First half of the curriculum]

Berlin, Germany

VU AMSTERDAM

BSC ARTIFICIAL INTELLIGENCE

2021 - 2022

Amsterdam, The Netherlands

[First year credits]

GPA: 9.1 / 10

UNIVERSITY OF LONDON

BA (HONS) ANTHROPOLOGY

2016 - 2019

London, United Kingdom

Grade: First Class Honours

GPA: 3.9 / 4.0

SHORT COURSES

FULLSTACK DEVELOPMENT

June 2022 | 240 hours

PCM Formazione - Turin, Italy

ABOUT ME

Originally trained in anthropology, I moved away from social science because I fell in love with building software. I have experience with back-end services, intelligent systems, and data pipelines. I am proficient with Python and I am more than comfortable around all major DS/ML/DL frameworks. Currently, I work as a back-end engineer in a fast growing start-up, where I build microservices in Java and multiagent systems in Python. I am looking for a new role to tackle fresh challenges, and to gain exposure to different stacks and industries.

EXPERIENCE

A. GMBH | BACKEND ENGINEER

Oct 2024 - Present | Berlin, Germany

Leading stealth start-up in the constructions space.

Projects

- **Logistics Copilot:** Created a stateless multi-agent system with supervisor architecture to automate complex logistics workflows processing unstructured data. First instance of agentic AI of the company.
Tech: Python, LangChain/LangGraph/LangSmith, Pandas.
- **Risk Engine:** Fully reworked a hybrid, full-stack application centralizing KYB/KYC processes with semi-automated data retrieval and comprehensive risk reports, critical for fraud detection and daily operational compliance. The application failure rate fell by 90%.
Tech: Java/Spring Boot, TypeScript/Angular, Make, Temporal, Salesforce.
- **Logistics Engine:** Implemented dynamic logistic costs from suppliers with a rule-based engine and fixed the upstream data pipeline of historical prices.
Tech: Java, Spring Boot, Drools, SQL, Databricks, Salesforce.

FUTURA | JUNIOR BACKEND ENGINEER

Jul 2022 - Aug 2023 | Milan, Italy

Ed-tech startup offering an intelligent learning platform for high school students.

Projects

- **Questions pipeline:** Built a pipeline to scrape, store, and QA the exam questions available in Futura's products - leveraging OCR for data extraction and GPT for few shot classification. This solution ensured that students always find the correct and updated questions on the platform.
Tech: Python, AWS DynamoDB, AWS Lambda, OpenAI.
- **Dashboard KPI:** Developed a web application to retrieve, manipulate, and aggregate data from the CRM, and to create custom visualizations for internal metrics. This solution saved Operations 15h+/week for evaluating business.
Tech: Python, Flask, Dash, Pandas, SQL, JavaScript, AWS S3.

KOSA AI | RESPONSIBLE AI ENGINEERING INTERN

Jan 2022 - May 2022 | Amsterdam, The Netherlands

Tasks

- Carry out research related to responsible and explainable AI systems.
- Test backend services and frontend features, write product documentation.