



Andrea Delli

MSc student & AI Engineer

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ABOUT ME

I'm a master's student in Artificial Intelligence and Data Analytics at the Polytechnic of Turin, with a focus on generative AI and an interest in robotics. I have hands-on experience as a full-stack developer for healthcare solutions, and I'm currently exploring agentic systems and multimodal LLM integrations.

I coordinate a team of developers within a university student team, where we design and build a space-exploration rover to compete in international robotics competitions.

WORK EXPERIENCE

- **AI Engineer & Full Stack Developer**, Genomedics S.r.l. **10/2020 – present**
Development of web platforms for pre-processing, big data analysis, advanced data extraction and indicators in the medical field.
Use of LLM agents for automated decision support, with RAG and monitoring of costs.
Technologies used: Python, Angular, Laravel, SQL
- **Software Engineer**, Team DIANA – Polytechnic of Turin **10/2023 – present**
Coordinator of a developer group of the DIANA Student's Team for the development of a rover for space missions, with a focus on sensor fusion, positional tracking and creation of a simulation environment.
Technologies used: C++, Python, C#, Unity
- **Web Developer**, ITIS A. Meucci **2018–2020**
Creation of an innovative website for the management and interactive display of school timetables and teacher substitutions (scuolafacile.itismeucci.it)
Technologies used: Vue.js, PHP
- **Internship**, SeSa s.p.a. **5/2019**
Training course focused on the design and implementation of web platforms for big data analysis through dynamic dashboards. Independent study of methods for creating mobile apps.
Technologies used: Tableau, Flask, Flutter

EDUCATION

- **Master's Degree in Artificial Intelligence and Data Analytics**, Polytechnic of Turin **10/2023 – present**
Advanced training in machine learning, deep learning, natural language processing (NLP), computer vision and big data analytics. Deepening of reinforcement learning techniques, blockchain and mobile application development, with a focus on advanced AI models, including large language models.
Current GPA: 28.6/30
- **Bachelor's Degree in Computer Engineering**, University of Florence **8/2020 – 9/2023**
Final mark: 110/110 with honors
Thesis: "Analysis and evolution of a software for constrained and dynamic routing on mobility data in a Smart City" (github.com/RonPlusSign/whatif-router)
- **I.T. Diploma**, ITIS A. Meucci, Florence **8/2015 – 6/2020**
Final mark: 100/100
- **CyberChallenge**, University of Florence **2/2019 – 5/2019**
First Italian cybersecurity training program with courses on cybersecurity and ethical hacking for talented young people from high schools and universities.

PROJECTS

- LLMs4Subjects: LLM-based Automated Subject Tagging for a National Technical Library's Open-Access Catalog **Large Language Models**
- Domain Randomization Techniques for Reinforcement Learning: Bridging the Reality Gap **Reinforcement Learning**
- Chronos for Multivariate Time Series Forecasting of Financial Data **Deep Natural Language Processing**
- Real-Time Anomaly Segmentation for Road Scenes **Computer Vision**
- Rust back-up tool for emergency situations **System and device programming**
- Quoridor game for LandTiger board **Computer Architectures**
- WorkStream: a mobile app for teamwork management **Mobile Application Development**

TECH STACK

- **Coding** Python, JavaScript, TypeScript, PHP, C++, C, Rust, SQL, Java, Kotlin, HTML, CSS
- **Frameworks** Angular, Laravel, PyTorch, Android, Django, MongoDB, Node.js, Vue.js
- **Other** Linux (full-time user), Git, Docker, Arduino, Notion, LaTeX, Digital photography, Photoshop

CERTIFICATES

Cambridge B2 FCE (ID: C4570374)
Final Score: 182 (CEFR Level: C1)

ICDL exams (ID: IT 2308571)
Computer Essentials, Online Essentials, Word Processing, IT-Security, Online Collaboration

LANGUAGES

Italian, native speaker

English, professional working proficiency

I authorize the processing of personal data present in the CV according to the Regulation of the European Parliament 679/2016.