Lorenzo Drudi

MSc Student in Computer Science · EPFL

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Experience

Engineering Intern
Lausanne, Switzerland

Logitech
Sept 2025 - Feb 2026

- Team: **CTO Research Office**.
- Task: Designing and implementing a distributed clock synchronization system for wireless multi-camera setups.
- **Tech Stack**: [C/C++, Linux, Zephyr, Firmware, Kernel Drivers, Embedded Systems, Distributed Systems].

Open-Source Contributor
Remote

Google Summer of Code
June 2025 - Sept 2025

- Organization: **Google DeepMind**.
- Task: Created a streamlined and intuitive Postman workspace for developers to easily interact with the Gemini API.
- **Tech Stack**: [Javascript, Postman, REST, CI/CD].

Software Dev Engineer Intern
Dublin, Ireland

Amazon Web Services (AWS)
July 2024 - Jan 2025

- Team: **AWS CloudWatch Alarms**.
- Task: Focusing on the **top customer issue** by increasing alarms reliability.
- **Tech Stack**: [Java, Ruby, Python, AWS].

Software Engineer & DevOps Intern
Remote

MLH Fellowship - G-Research
Jun 2022 - Sept 2022

- Team: **G-Research DevOps OpenSource.**
- Task: Automated workflows using custom *GitHub Action* written in *JavaScript*. Achieved a significant productivity improvement.
- **Tech Stack**: [Java, JavaScript, TypeScript, Pulumi, AWS, GCP, Linux, Docker, GitHub/GitHub Actions].

Education

MSc in Computer Science
Lausanne, Switzerland

École polytechnique fédérale de Lausanne (EPFL)
Sept 2023 - Mar 2026

- Specialization in **AI & Data Science**. GPA: **5.4/6**
- **Focus**: Distributed Systems, Backend, Natural Language Processing, and Real-world applications.

BSc in Computer Science and Engineering
Cesena, Italy

University of Bologna
Sept 2020 - Jul 2023

- Final mark: **110/110 cum laude**, GPA: **29.5/30**.
- **Thesis**: Developed the TDSFT tool in collaboration with IRCCS IRST Dino Amadori (tool currently used by the doctors in the hospital).
- **Excellence Scholarship**: merit award granted to the 69 best students of the School of Engineering and Architecture (top 1%).
- **Sergio Focardi Graduation Award**: presented annually to the top-performing student of the academic year.

Projects

Semester Project Student - EPFL

- Laboratory: *DLAB*, Supervisor: prof. Robert West.
- Tasks: Prompt-level shaping of **LLM personalities** and study of interactions between **LLM-based agents** with distinct personality traits.
- **Tech Stack**: [Python, PyTorch, Transformers, LMQL].

Autonomous Drone Racing Team

- Partnership with the *Technology Innovation Institute of Abu Dhabi (TII)*.
- Developed a simulated **autonomous drone** presented to the *ICRA DodgeDrone Challenge*.
- **Tech Stack**: [Python, ROS, AWS, Keras, TensorFlow].

Lead The Future Mentee

- Among the few Italian students selected to be mentees for *LeadTheFuture*. *LeadTheFuture* is a leading mentorship non-profit organization for students in STEM, with an acceptance rate below 13%.

Publications

- Zakazov I[*], Boronski M[*], **Drudi L**[*], West R (2024). *Assessing Social Alignment: Do Personality-Prompted Large Language Models Behave Like Humans?* NeurIPS 2024 Workshop on Behavioral ML.

- Piccinini F[*], **Drudi L**, Pyun J-C, Lee M, Kwak B, Ku B, Carbonaro A, Martinelli G and Castellani G (2024). *Two-dimensional segmentation fusion tool: an extensible, free-to-use, user-friendly tool for combining different bidimensional segmentations.* Frontiers in Bioengineering and Biotechnology.