

Lorenzo Gelao

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PROFILE

Currently based in Copenhagen pursuing my MSc at DTU, I bring no prior work experience but strong abilities to perform under pressure, contribute effectively in teams, and tackle tasks methodically.

EDUCATION AND TRAINING

01/09/2025 – Current	Master's Degree
City: Copenhagen	DTU ☑
Country: Denmark	Field of study: Computer Science
	Coursework:
	Computationally Hard Problems
	Parallel Computer Systems
	Data Structures 2
01/09/2021 –	Bachelor of Science in Computer Science
17/07/2025	Università degli Studi di Bari Aldo Moro ☑
City: Bari Country:	Field of study: Information and Communication Technologies
Italy	
03/09/2024 –	Erasmus+ Mobility
17/12/2024	University of Oulu ☑
City: Oulu Country:	Field of study: Computer Science
Finland	
	Coursework:
	Databases, Cyber Security I: Ethical Hacking, Deep Learning, Affective Computing, Social Computing.

RELEVANT PROJECTS

04/2025 – 04/2025	A-CLus: Hierarchical Clustering Platform (Java Client-Server App)
	<i>Bachelor Course project: Advanced Programming Methods</i>
	Developed a Java client-server system performing agglomerative clustering (Single/Average Link) with MySQL integration. Redesigned state management and built a Telegram bot interface, improving scalability, user interaction, and fault tolerance.
11/2024 – 12/2024	Retinal Disease Classification
	<i>Deep Learning Course Project</i>
	Implemented fine-tuning, attention mechanisms, and ensemble methods across subtasks A-E, analyzing performance metric
09/2024 – 11/2024	Emotion Recognition via Valence Estimation (Affective Computing Course Project)
	<i>Affective Computing Course Project</i>
	Trained SimpleCNN/ResNet on AffectNet for emotion, valence estimation

PUBLICATIONS

2025

Bachelor's Thesis: AI in Software Testing
Lorenzo Gelao
Language: Italian
Conducted Systematic Literature Review on AI tools for SDLC testing (TAL, LLM, blockchain); built ML prototype for MPI defect prediction using static features (Halstead, semantic) and classifiers

SKILLS

Office	● ● ● ● ●	C / C++	● ● ● ● ●
Git	● ● ● ● ●	Java	● ● ● ● ●
Python	● ● ● ● ●		

LANGUAGE SKILLS

Italian	● ● ● ● ●	English	● ● ● ● ●
Spanish	● ● ● ● ●		