

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 | 

Country: Denmark Field of study: Computer Science

Coursework:

Computationally Hard Problems

Parallel Computer Systems

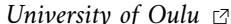
Data Structures 2

01/09/2021 – **Bachelor of Science in Computer Science**

17/07/2025 

City: Bari | Country: Italy Field of study: Information and Communication Technologies

03/09/2024 – **Erasmus+ Mobility**

17/12/2024 

City: Oulu | Country: Finland **Field of study: Computer Science**

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)**

Bachelor Course project: Advanced Programming Methods

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**

Deep Learning Course Project

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)**

Affective Computing Course Project

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	● ● ● ● ●		