LORENZO **GALLONE**

SOFTWARE ENGINEER

CONTACT

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- 🏠 Torino, IT
- 🔗 **LinkedIn**
- 🪪 **Professional Portfolio**

LANGUAGE

- ◦ Italian - Native Speaker
- ◦ English - Proficient (IELTS C1)

CORE SKILLS

- ◦ Software Engineering
- ◦ Artificial Intelligence
- ◦ Neural Networks
- ◦ Databases & Data Management
- ◦ Programming & Software Development
- ◦ Academic Research
- ◦ Web Application Development
- ◦ System Design
- ◦ Object Oriented Programming

ADDITIONAL SKILLS & CERTIFICATIONS

- ◦ Problem-Solving & Adaptability
- ◦ Leadership & Teamwork
- ◦ Certified Alpine Ski Instructor and Coach.

ABOUT ME

Highly motivated Computer Engineering graduate with **international academic experience**, driven by a strong passion for innovation and continuous learning. I thrive in dynamic, fast-paced environments where **creativity** meets practical **problem-solving**. A **collaborative team playe**r with a hands-on mindset, I approach challenges with humility, curiosity, and the determination to deliver meaningful, high-impact solutions.

EDUCATION

Master of Science in Computer Science — GPA: 4.0/4.0
University of Illinois at Chicago, USA

Master's Degree in Software Engineering — 25 July 2025
Politecnico di Torino, Italy
Expected final grade: 110/110 cum Laude

Bachelor's Degree in Computer Engineering — Final grade: 108/110
Politecnico di Torino, Italy

ACADEMIC PROJECTS & APPLIED EXPERIENCE

LLM-Powered Code Generation System
University of Illinois at Chicago — Oct 2024 – Present
Master's thesis on developing an **AI-powered system** that generates functional Python code using large language models. Integrated **automated testing** and iterative refinement to ensure accuracy. Demonstrates strong **problem-solving**, adaptability, and independent research. Aiming for a research publication.

Secure Web Application
Politecnico di Torino & University of Illinois at Chicago — Jul 2024 – Jan 2025
Designed a **secure**, real-time multiplayer web app with React, Node.js, and Express. Combined creative UI design with **backend security**. Highlighted **teamwork**, cross-cultural collaboration, and practical problem-solving.

Professional Task Manager (Android)
Politecnico di Torino — Feb 2024 – Jul 2024
Built a Kotlin-based **task manager app** with live chat and multi-team support. Delivered a complete prototype under time constraints, showcasing **agility**, time management, and a **hands-on** mindset.

Fanta F1 (Personal Project)
Independent — 2022 – Present
Developed and deployed a **full-stack** Fanta-Formula 1 game with real-time race inputs, automated point calculations, and live rankings. Built with **React**, **Firebase**, and Web UI enhancements. A passion project showcasing **initiative**, full ownership, and scalable backend design.

PROGRAMMING LANGUAGES / FRAMEWORKS

- Python
- Java
- JavaScript / Typescript
- Kotlin
- C / C++
- HTML / CSS
- SQL
- Bash

FRAMEWORKS & SOFTWARE

- Node.js & Express.js
- React.js
- Linux
- Docker
- Firebase
- Git & GitHub/GitLab