# LORENZO GALLONE

## SOFTWARE ENGINEER

## CONTACT

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- ⌂ Torino, IT
- 🔗 **LinkedIn**

## LANGUAGE

- Italian
- English

## 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** — Expected July 2025
*Politecnico di Torino, Italy*
Expected final grade: 110/110 *(currently at 106.5 + up to 8 thesis points)*

**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*
Created and **automated** a fantasy Formula 1 prediction game, managing submissions, scoring, and results end-to-end. A **passion-driven** project showcasing initiative, creativity, and backend logic. Built with Google Sheets and Google Apps Script, and used by a private group of F1 enthusiasts.

## 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