

Ledjo Lleshaj

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EDUCATION

University of Verona

Verona, Italy

Master in Computer Science and Engineering

Thesis: *Using LLMs to Translate Natural Language into SQL Queries*

Oct. 2022 – Oct 2025

University of Verona

Verona, Italy

Bachelor in Computer Science

Thesis: *Frontend about a fitbit health check and suggestion system, based on Apriori Algorithm using Ionic Vue framework.*

Oct. 2019 – Oct 2022

EXPERIENCE

IT Support Specialist

Sept 2024 – Oct 2025

Generali Italia: Banca e Assicurazioni

Verona, Italy

- Provided technical assistance to employees by troubleshooting hardware, software, and network issues, ensuring minimal downtime and smooth daily operations.

SOFTWARE DEVELOPER - INTERNSHIP

Jan. 2024 – May 2024

BSQ Security

Verona, Italy

- Debugged and performed unit testing of the web application qboard.app using pytest, ensuring functional reliability before release.
- Developed a REST API using Flask for an alarm system featuring AI-powered CCTV detection, enabling seamless integration with front-end clients and external services.
- Built a Telegram bot to deliver automated alarm notifications to subscribed users, integrating with the backend system.
- Conducted comprehensive testing and authored technical documentation to ensure reliability and maintainability.

VUE DEVELOPER - INTERNSHIP

Dec 2022 – April 2023

RealT

Verona, Italy

- Developed an application using Vue, TypeScript, Tailwind CSS, and Docker.

CYBERCHALLENGE

Feb 2022 – Jun 2022

Cyberchallenge.it

University of Verona, Italy

- After passing the selection test i attended a 4-month training program on Cybersecurity covering topics such as Network Security, Web Application Security, Cryptography, and Ethical Hacking.

PERSONAL PROJECTS

Store inventory management system | Python, Django, Angular, PostgreSQL, Docker

March 2025 – Present

- Developed a full-stack web application using Django in backend with database in PostgreSQL and Angular for the Frontend to manage the inventory/sales/restock for a fish store
- Deployed and hosted the application using Docker containers which is currently in use by the store owner

Hospitium | School Project done in Java SpringBoot, Gradle, Git, H2 database

- Developed a software system to manage the operations of a medical clinic.
- Supported multiple doctors and nurses in handling medications and blood test workflows.
- Implemented features for a shared secretarial office to manage appointments and patient records.

Vue-job-search | School Project done in Typescript using Vue, Rest Api, PostgreSQL database, and django in Git

- Developed a software system to help users search for jobs based on various criteria such as location, job type, and keywords.
- Implemented user authentication and profile management features.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL (Postgres), JavaScript, Typescript

Frameworks: Spring Boot, Django, Flask, Node.js, JUnit, Angular, FastAPI, TailwindCss

Developer Tools: Git, Docker, VS-Code, IntelliJ, Linux, Postman

Libraries: pandas, NumPy, Matplotlib, Transformers, PyTorch, Scikit-learn

Languages: Albanian (Native), English (Fluent) C1-C2, Italian (Fluent) C1-C2