Ledjo Lleshaj

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EDUCATION

University of Verona — Verona, Italy
Master in Computer Science and Engineering — *Oct. 2022 – Oct 2025*
Thesis: *Using LLMs to Translate Natural Language into SQL Queries*

University of Verona — Verona, Italy
Bachelor in Computer Science — *Oct. 2019 – Oct 2022*
Thesis: *Frontend about a fitbit health check and suggestion system, based on Apriori Algorithm using Ionic Vue framework.*

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 tested the web application qboard.app using pytest.
- Developed a Flask-based backend server for an alarm system featuring AI-powered CCTV detection.
- 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 managment system | *Python, Django, Angular, PostgreSQL, Docker* — March 2025 – Present
- Developed a full-stack web application using Django in backend with databse 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