

GIANMARCO LONGIARÙ

I am graduating in Computer Engineering at “La Sapienza” University with skills in programming, software design, data analysis and problem solving. During my studies, I gained a solid understanding of the principles of computer science and software engineering. I have developed projects in various programming languages and spanning various areas, including software development, telecommunications, databases, web application development, and operating systems.

INSTRUCTION

"La Sapienza" University – *Three-year degree in Computer Engineering*

OCT 2020 – DEC 2023 (EXPECTED)

High school diploma – *Scientific High School of Applied Sciences*

SEP 2015 – JUN 2020 – MARK: 93/100

TECHNICAL SKILLS

- Programming languages: C, C++, Python, JavaScript, Java, Ruby
- Tools: VS Code, Visual Studio 2022, Eclipse, Git
- Operating systems: Windows, Linux
- Database: SQL, PostgreSQL
- Agile Methodology: Scrum, Incremental Development

EXPERIENCE | PROJECTS

AI Generated “News” Website – *Co-creator*

APR 2023 – MAY 2023

- Full stack development of an AI generated news website.
- Usage of Node.js, SQL, JS, JQuery, HTML/CSS, Bootstrap.
- Usage of Models API provided by OpenAI.

ns-3 Network Simulation – *Team member*

OCT 2022 – DEC 2022

- Creation of a network simulation with ns-3 (C++), respecting provided specifications.
- Packet analysis via Wireshark and network efficiency calculation.
- Drafting of a complete report of the project.

Data Analysis for Seismic Safety – *Co-creator*

DEC 2022

- Use of ministerial datasets to identify school buildings at seismic risk and calculate redevelopment costs.
- PostgreSQL database creation with large datasets.
- Writing SQL queries for building identification and calculating various parameters.