FRANCESCO RE

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EDUCATION

Master of Computer Science Engineering, Artificial Intelligence, Politecnico di Milano　　2023 - 2024

Bachelor of Computer Science Engineering, Politecnico di Milano　　2019 - 2022
- Final grade 100/110

High School Diploma in Computer Science and Telecommunications, J. M. Keynes　　2014 - 2019
- Awarded 2 scholarships for exceptional academic performance.
- Final grade 100/100

EXPERIENCE

Freelance Android developer　　Jan 2019 - Jun 2023
- Mi Band Maps, more than **130.000 sells** with an overall rating of **4.2 stars**
- Amazfit Maps, more than **20.000 sells** with an overall rating of **3.9 stars**
- Huawei Band Maps, more than **500.000 downloads** with an overall rating of **3.9 stars**

Android developer internship　　1-month, 2018
Wise Emotions Srl　　*Milano, ITALY*
- Enhanced my Android development skills creating a restaurant app.

Web developer internship　　1-month, 2017
Wise Emotions Srl　　*Milano, ITALY*
- Gained proficiency in HTML, CSS, Bootstrap, JavaScript and jQuery.

PERSONAL PROJECTS

NightOwl. PyTorch-based deep learning project for sleepwalking detection through a camera.

HostPingBot. A Telegram bot monitoring servers with 200 active monitors from 100 users.

prana_rc. Collaborated on reverse engineering communication between Prana device and app, expanding capabilities.

Beach Alarm. An Android app designed to safeguard your belongings while at the beach. Around 1000 downloads.

UNIVERSITY PROJECTS

Smart Tennis Racket. A neural network-powered tennis racket for shot detection.

Eriantys. A board game translated into a videogame, which consists of a client-server application developed in Java with multiple frontends (CLI, GUI with JavaFX).

SKILLS

	+ 　　　　　　　proficiency 　　　　　　　 −
Programming Languages	Python, Java, Kotlin, C#, C, JavaScript, PHP, Swift, C++
Database Softwares	MySQL/PgSQL, Redis, Elasticsearch, MongoDB
Other Softwares	Git, Docker, Postman, Linux, Flask, CI/CD, AWS, Oracle Cloud
AI/ML Frameworks	PyTorch, TensorFlow, Keras, Scikit-learn
Languages	Italian (Native), English (B2 Certified)

EXTRA-CURRICULAR ACTIVITIES

- Led a winning team in an app UI/UX design competition.
- Contributed to the StackOverflow community by answering open questions in my free time.