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
Google Play
- Mi Band Maps, more than **130 000 sales** with an overall rating of **4.2 stars**
- Amazfit Maps, more than **20 000 sales** 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 by 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. Deep learning project for sleepwalking detection through a camera, built with **PyTorch**

HostPingBot. A Telegram bot monitoring servers with more than **100 users**, built using **Python** and **PgSQL**

prana_rc. Collaborated in reverse engineering the communication of a Bluetooth device in this **open-source** project

Beach Alarm. An Android app designed to safeguard your belongings while at the beach. Around **1 000 downloads**

UNIVERSITY PROJECTS

Smart Tennis Racket. A neural network-powered tennis racket for shot type recognition, built with **TensorFlow**

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, 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, Sklearn
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