Davide Franchinetti

Personal Data

Place and Date of Birth: Italy | 9 June 1995
Address: Strada Privata Merli 6, Novara, 28100, Italy
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Education

Apr 2022 — Bachelor Degree in Computer Science
Università del Piemonte Orientale, Vercelli
Thesis: "Electronic control of accesses during a pandemic"
Advisor: Prof. Marco Guazzone
Score: 109/110

Work Experience

Nov 2020-Apr 2021 — Intern at MasterSoft S.R.L., Novara

Developed a client-server system for allowing people to safely perform accesses in person or remotely, on which the Bachelor Thesis was based. Accesses in person involved the use of face and mask detection, together with barcode scanning, temperature measurement, and Text To Speech within an Android app. Rated "*Excellent*" for the general performance, effective communication with other team members, and proactivity in self-learning and applying new concepts and technologies.

2013-Present — Amateur Computer Technician, Self Employed

Assembled and upgraded many desktop computers for self and relatives, after having performed enough research about latest hardware releases, prices, and available technologies. Written guides, tutorials, and documentation for non technical people, with the aim of helping them understand how to use a certain operating system (e.g. Linux) or software.

Certificates

Jun 2012 — First Certificate in English
University of Cambridge, ESOL Examinations
Level: B2

Languages

English: Fluent
Italian: Native

Technical Skills

Intermediate: Rust, Kotlin (Android, CameraX, ML Kit, Ktor), Java (JUnit 4), C
Basic: JavaScript (Vue.js), Python (Django), C# (ASP.NET Core), PostgreSQL, LaTeX

Personal Projects

May 2022 - Present — PNGme

Developed a command line tool for encoding and decoding text messages inside a PNG file, while following an existing outline. It's a steganography exercise written in Rust for acquiring a broader knowledge of the language, following a TDD (Test Driven Development) approach.