Fabio **Codiglioni**

FULL STACK DEVELOPER

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Experience

Healthy Reply   *Milano, Italia*

MOBILE AND WEB DEVELOPER   *Sep. 2020 - Present*

- Worked on *Ticuro*, a telehealth application that allows healthcare providers to offer their services remotely.
- Dealt with both the Java backend and the Angular frontend of *Ticuro*.
- Built the iOS native application of *Ticuro* from scratch using SwiftUI. The application allows the collection of medical measures from smart devices connected via Bluetooth and to perform remote examinations (*televisits*).

Education

Politecnico di Milano   *Milano, Italia*

MS IN COMPUTER SCIENCE AND ENGINEERING   *Sep. 2018 – Apr. 2021*

Final grade: 110 / 110 cum laude.

Politecnico di Milano   *Milano, Italia*

BS IN COMPUTER SCIENCE AND ENGINEERING   *Sep. 2015 – Sep. 2018*

Final grade: 100 / 110.

Projects

SmartTourist   *Swift*

DESIGN AND IMPLEMENTATION OF MOBILE APPLICATIONS   *Alenichel/CodiglioniNichelini-SmartTourist*

Design and implementation of an iOS application for tourists. This project has been developed in collaboration with *Bending Spoons*.

Temperature WSN   *TinyOS*

MIDDLEWARE TECHNOLOGIES FOR DISTRIBUTED SYSTEMS   *fabiocody/mtds-project-tinyos*

Implementation and simulation of a multi-hop Wireless Sensor Network.

Website   *JavaScript · HTML · CSS*

HYPERMEDIA APPLICATIONS   *quality-time-bank.herokuapp.com*

Design and implementation of a website for a voluntary association.

Retiming Synchronous Circuitry   *Python*

ADVANCED ALGORITHMS AND PARALLEL PROGRAMMING   *fabiocody/retiming*

Implementation of a class of algorithms for synchronous circuits optimization.

Sagrada   *Java*

SOFTWARE ENGINEERING   *fabiocody/ProgettoIngSwFLK*

Design and implementation of the software version of a board game.

Skills

Programming	C/C++ · Python · Java · Swift · Flutter · Angular
Operating Systems	macOS · Linux
Languages	Italian (native speaker) · English (C1)

Extracurricular Activity

2020 – Present	Development of a website to show COVID-19 data in Italy (*covid-fc.herokuapp.com*).
2020	NVIDIA Deep Learning Institute Certificate on *Fundamentals of accelerated computing with CUDA C/C++*.
2017 – Present	Design and implementation of a mobile application for money tracking (*fabiocody/easyrepay-flutter*).
2015 – Present	Peer tutoring.