Fabio **Codiglioni**

Computer Science and Engineering Student

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Education

Politecnico di Milano — *Milano, Italia*

MS in Computer Science end Engineering — *Sep. 2018 – Present*

Course track: pervasive systems · Current average: 28.39 / 30

Politecnico di Milano — *Milano, Italia*

BS in Ingegneria Informatica — *Sep. 2015 – Sep. 2018*

Final mark: 100 / 110

Liceo Scientifico Statale Elio Vittorini — *Milano, Italia*

High School — *Sep. 2010 – Jun. 2015*

Final mark: 100 / 100

Projects

iOS Application — *Swift*

Design and Implementation of Mobile Applications — *Ongoing*

Design and implementation of a mobile application for tourists. This project is being developed in collaboration with *Bending Spoons*.

Retiming synchronous circuitry — *Python*

Advanced Algorithms and Parallel Programming — *Ongoing*

Implementation of the algorithms described in the homonymous paper by Leiserson and Saxe.

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.

BarbequeueRTRM — *C++*

Advanced Operating Systems — *fabiocody/AOS_Project*

Implementation using Google Protocol Buffer of the inter-process communication layer of a runtime resource manager.

Sagrada — *Java*

Software Engineering — *fabiocody/ProgettoIngSwFLK*

Implementation of a software version of a board game.

Skills

Programming C/C++ · Python · Java · Swift · Flutter

Operating Systems macOS · Linux

Languages Italian (native speaker) · English (C1)

Extracurricular Activity

2017-Present Design and implementation of a mobile application for money tracking using Flutter.

2015-Present Peer tutoring.

2020 NVIDIA Deep Learning Institute Certificate on *Fundamentals of accelerated computing with CUDA C/C++*.