

# Fabio Codiglioni

COMPUTER SCIENCE AND ENGINEERING STUDENT

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## Education

### Politecnico di Milano

MS IN COMPUTER SCIENCE AND ENGINEERING

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

Milano, Italia

Sep. 2018 – Present

### Politecnico di Milano

BS IN INGEGNERIA INFORMATICA

Final mark: 100 / 110

Milano, Italia

Sep. 2015 – Sep. 2018

### Liceo Scientifico Statale Elio Vittorini

HIGH SCHOOL

Final mark: 100 / 100

Milano, Italia

Sep. 2010 – Jun. 2015

## Projects

### iOS Application

DESIGN AND IMPLEMENTATION OF MOBILE APPLICATIONS

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

Swift

Ongoing

### Retiming synchronous circuitry

ADVANCED ALGORITHMS AND PARALLEL PROGRAMMING

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

Python

📦 fabiocody/retiming

### Temperature WSN

MIDDLEWARE TECHNOLOGIES FOR DISTRIBUTED SYSTEMS

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

TinyOS

📦 fabiocody/mtds-project-tinyos

### Website

HYPERMEDIA APPLICATIONS

Design and implementation of a website for a voluntary association.

JavaScript · HTML · CSS

🌐 quality-time-bank.herokuapp.com

### BarbequeueRTRM

ADVANCED OPERATING SYSTEMS

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

C++

📦 fabiocody/AOS\_Project

### Sagrada

SOFTWARE ENGINEERING

Implementation of a software version of a board game.

Java

📦 fabiocody/ProgettoIngSwFLK

## 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++*.