


PAOLO BETTELINI

 github.com/paolobettellini  paolo.bettellini@bluewin.ch

EDUCATION

① Scuola Primaria di Caslano


Elementary School


 2010 – 2015

 Caslano, Ticino

② Scuola Media Agno


Middle School

 2015 – 2019

 Agno, Ticino

③ Scuola d'Arti e Mestieri (SAMT)

Computer Science Section


 2019 – 2023

 Trevano, Ticino

- Attestato federale di capacità (AFC)
- Maturità professionale

SOME PROJECTS

Blockchain Proof-of-Concept

 2022

A blockchain from scratch, with a cryptographically secure distributed ledger, PoW mining, transaction system and a web explorer.

 [paolobettellini/blockchain](https://github.com/paolobettellini/blockchain)

Fourier Series Website

 2021

A website about Fourier series and Fourier transforms, with interactive animations and explanations.

 [paolobettellini/fourier-series](https://github.com/paolobettellini/fourier-series)

Paintguesser

 2021


An online multiplayer game where players have to guess other players' drawings.

 [paolobettellini/paintguesser](https://github.com/paolobettellini/paintguesser)

AES Implementation

 2021

A pure Java implementation of the AES encryption algorithm. Supports 128, 192, 256 bits keys, ECB and CBC cipher modes and ANSI X9.23, ISO 10126, PKCS#7, ISO/IEC 7816-4 paddings.

 [paolobettellini/advanced-encryption-standard](https://github.com/paolobettellini/advanced-encryption-standard)

PERSONAL INFO



Full name: Paolo Bettellini

Date of birth: February 18th, 2004

Nationality: Swiss


TECHNOLOGIES/SKILLS

Java Rust C# Git Algorithms .NET
LaTeX Linux Networking PHP HTML JS
CSS Virtualization RabbitMQ SQL Bash

WORK EXPERIENCE

Pico Systems Sagl

Internship

 June 2022, 2 Months

 Lugano

- Software development

LANGUAGES

- Italian (Mother tongue)
- English (B1)
- German (B1)

INTERESTS

Mathematics, Rust programming, Rendering, Artificial intelligence, Quantum mechanics, Problem solving, Algorithms.