

Daniela Brozzoni

Software developer

Passionate developer with 3+ years of experience in the computer science field, Bitcoin enthusiast.

About me

I'm a young developer who puts a lot of determination, strictness and passion in everything I do.

I'm very curious (someone could say I'm a *bookworm*), well organised and I love challenges.

In 2017 I looked into Bitcoin for the first time: I was truly fascinated by the technology and since then I've been trying to learn more and more about it.

Education

Diploma cum laude in Information Technology IIS B.Castelli Brescia / From September 2014 to July 2019

I studied information technology at IIS B.Castelli in Brescia, where I learnt the basics of computer science, electronics, computer networking and mathematics.

Work experience

Developer Braiins Prague, Czechia - Remote / Since April 2020

I'm currently working at Braiins, a Czech company who operates SlushPool and develops BraiinsOS, a mining firmware written in Rust.

I've worked for a couple of months on BraiinsOS, then I was moved to other internal, "backend-style", Rust projects.

Engineering intern Blockstream Milan, Italy / From September 2019 to February 2020

I worked in one of the most talented Bitcoin engineering teams out there on the Green apps and the Liquid Securities platform.

I had the chance to expand my understanding of both Bitcoin and Liquid, with a specific focus on wallets.

Android developer Codermine Brescia, Italy / From June 2018 to September 2018

During my fourth year's summer break I decided to get my first job as a developer: I managed to ship code on big projects, seeing with my own eyes the dynamics of the workplace, including relationships with clients and between colleagues.



📅 20 years old

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Languages

Italian

English

Skills

Rust

Java

- Mobile development: Android
- Backend development: Spring

Python

- Backend development: Django

SQL

C++

Javascript

- Backend development: NodeJS

PHP

HTML & CSS

Open source contributions

rust-hwi I built rust-hwi, a Rust wrapper on the Python Hardware Wallet Interface APIs.

BDK I contributed to BitcoinDevKit, adding the BranchAndBound coin selection implementation.

bip174.org I helped building bip174.org, a website for debugging PSBTs written in Rust (Yew).

It's not fully functional yet, but it will be published soon ;)

Internships during high school

Developer **Myti SRL** Brescia / November 2018

I spent one week at Myti SRL, developing a webapp meant for tasks management using Spring Boot in Java.

Student **CERN** Geneva / July 2018

I spent one week at CERN, in Geneva, meeting inspiring and friendly scientists who taught me a lot about physics and computer science.

Developer **BHB** Milan / February 2018

I spent two weeks in Blockchainlab, studying the Bitcoin infrastructure, mainly focusing on the Lightning Network protocol and writing NodeJS code.

Competitions

Italian Olympiads in Mathematics Cesenatico / May 2019

Silver medal in ITAMO - full ranking [here](#)

Italian Olympiads in Informatics (OII) Campobasso / September 2018

Bronze medal in OII - full ranking [here](#).

National competition in Informatics Lecco / May 2018

First place in National competition in informatics - the competition tested the students' abilities in problem analysis, UI design, OOP, UMLs.

See full ranking [here](#).

Public Administration Hackathon Trento / October 2017

First place in Public Administration Hackathon - my team and I developed a SDK for reading the NIS code from an Italian Electronic Identity Card (CIE) using Python.

Full code [here](#).

Italian Olympiads in Informatics (OII) Trento / September 2017

Bronze medal in OII - full ranking [here](#).

Interests

Hobbies Travelling, reading, learning maths and computer science stuff

Sports Karate, swimming, skating