

DANIELE PISCAGLIA

C O M P U T E R E N G I N E E R



INFO

Location: Bologna

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Mail: danielepiscaglia@libero.it

Year of birth: 1996

LINKS

Website: danipisca07.github.io

LinkedIn: linkedin.com/in/danielepiscaglia/

Github: github.com/danipisca07

Facebook: facebook.com/danipisca

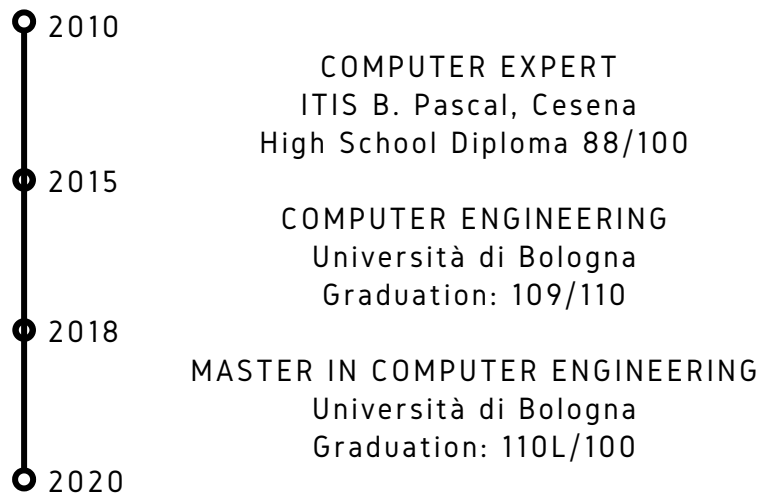
SKILLS

- Back-end (Node, PHP)
- Front-end (JS, CSS, Angular)
- NoSQL (MongoDB)
- 2D/3D Graphics (WebGL, Unity, Photoshop)
- Distributed Systems (Hyperledger Fabric, Azure IoT Edge, Solidity / Ethereum)
- Cloud (Azure, AWS, Heroku)
- DevOps (Docker, Kubernetes, KubeEdge)
- OOP (C#, Java)

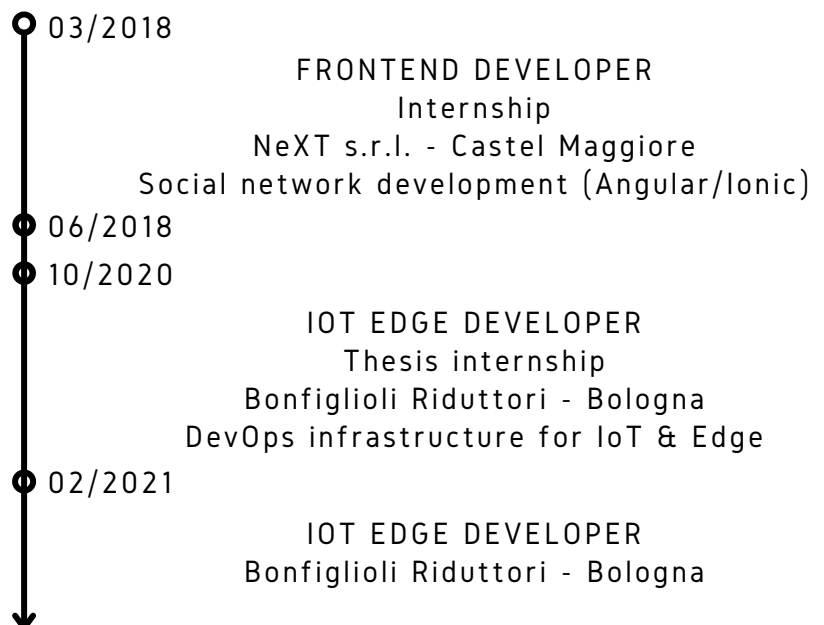
LANGUAGES



STUDENT CAREER



EMPLOYMENT HISTORY



EXTRA-CURRICULAR ACTIVITIES

Coding tutor

CoderDojo, Cesena | 2014 - 2015

Tutor for 'Wizards of Python', no profit organization dedicated to introducing young students to the Python programming language

Athlete

since 2014

Jet ski racer in the Italian and World Championship

2019 Jet Ski F1 Italian Champion

HONORS

Scholarship for freshmen

Università di Bologna | 2016

Scholarship for academic and sport merits

Università di Bologna | 2018

PROJECTS

Iota supply tracer

Library for tracing and verification of physical product supply chains on the Tangle (distributed ledger of IOTA) ([repo](#))

Modeling4Cloud

Bachelor thesis project for the monitoring and comparison of performance across the major cloud providers ([repo](#))

Proof of Majority in Hyperledger Fabric

Analysis of the introduction of a completely decentralized BFT consensus algorithm in the Hyperledge Fabric blockchain ([pdf](#))

Consensus algorithms vulnerabilities

Study and comparison of vulnerabilities of multiple blockchain consensus mechanisms ([pdf](#))

CrazyCyclist

Mobile game for Android developed with Unity (C#), published on Google Play and Amazon App Store

Web development

www.piscagliacostruzioni.it

www.dreamsracing.net

ListaBot

Python Telegram bot hosted on heroku ([repo](#))

flattyCar

Videogame web 3D developed with WebGL ([repo](#))

BitMoneto

Portfolio desktop app for cryptocurrencies management ([repo](#))