DANIELE PISCAGLIA

COMPUTER ENGINEER

INFO

Location: San Mauro Pascoli (FC)
Phone: 3332583936
Mail: danielepiscaglia@libero.it
Year of birth: 1996

LINKS

Website: danipisca07.github.io
Linkedin: linkedin.com/in/danielepiscaglia/
Github: github.com/danipisca07
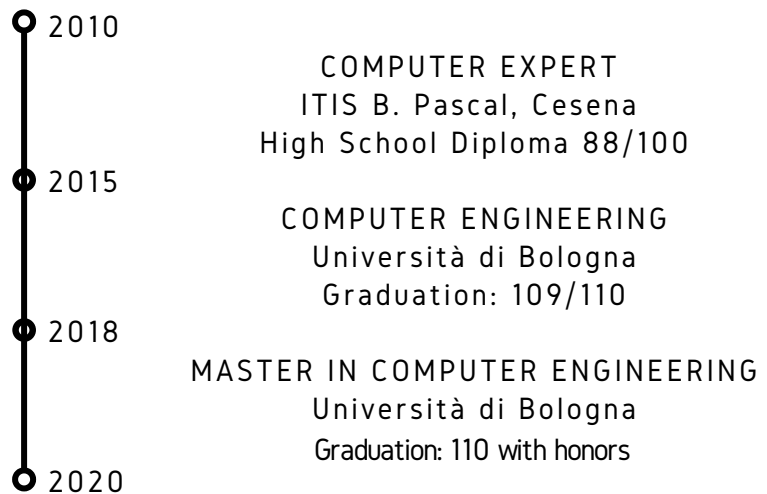Facebook: facebook.com/danipisca

SKILLS

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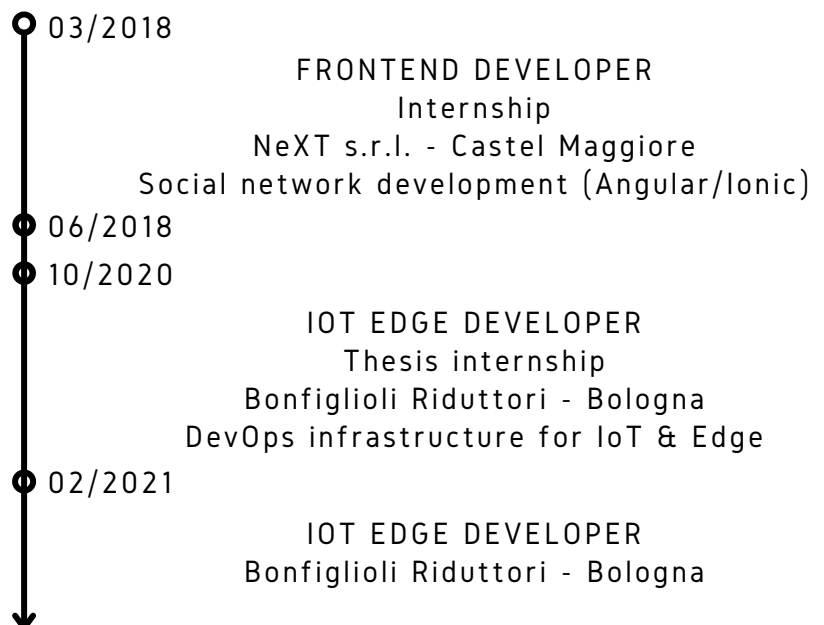- 2D/3D Graphics (WebGL, Unity, Photoshop)

LANGUAGES

Italiano
English

STUDENT CAREER

2010

COMPUTER EXPERT
ITIS B. Pascal, Cesena
High School Diploma 88/100

2015

COMPUTER ENGINEERING
Università di Bologna
Graduation: 109/110

2018

MASTER IN COMPUTER ENGINEERING
Università di Bologna
Graduation: 110 with honors

2020

EMPLOYMENT HISTORY

03/2018

FRONTEND DEVELOPER
Internship
NeXT s.r.l. - Castel Maggiore
Social network development (Angular/Ionic)

06/2018

10/2020

IOT EDGE DEVELOPER
Thesis internship
Bonfiglioli Riduttori - Bologna
DevOps infrastructure for IoT & Edge

02/2021

IOT EDGE DEVELOPER
Bonfiglioli Riduttori - Bologna

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)