D'AMBROSIO MARIO ROBERT

Computer Engineer/Developer

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Date of birth: 25.07.1995
Nationalities: American and Italian (citizenship)

I started coding at age 13 with my first 'C' book. By just looking out of the window we realise that we live and breathe technology, for example, people using it in their bodies, assisting them in their everyday activities. My interest in programming is duelly driven by this technological world and my good fortune to be able to contribute to it - thus constantly fuelling my motivation.
Currently I'm particularly interested in machine learning and blockchain technology.

PROFESSIONAL SKILLS

SWIFT
90%

JAVA
100%

JAVASCRIPT
100%

C/C++
70%

RUBY
75%

HTML/CSS
70%

LANGUAGES

ITALIAN (NATIVE)
100%

ENGLISH (NATIVE)
100%

FRENCH (PROFICIENT/C2)
80%

EDUCATION

- 2017-2018: APPLE DEVELOPER ACADEMY WORLDWIDE SHOLARSHIP AWARD (9 months program)

- 2014-PRESENT: UNIVERSITY UNDERGRADUATE BACHELOR OF COMPUTER ENGINEERING (5 year program, 3 + 2)

- 2016-PRESENT: UNIVERSITY OF NAPLES FEDERICO II (Naples, Italy)

- 2014-2016: ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (Lausanne, Switzerland)

PROJECTS

- **Blockchain PlaygroundBook (education)**
- **3 iOS Apps Betatesting (game, Real Life Game and Sport App)**
- **Blockchain technology Apps/Web wallets (Current)**
- **Fractal Image Compression using G.A.**
- Open Map of Lausanne (JAVA)
- Image scaling using Seam Carving (JAVA)
- 2D multiplayer R.P.G. -XBlast (JAVA)
- DD-WRT scripts

OTHER

Participation in charity work and N.P.O.s (Forum Tarsia)
Piano, music production (electronic music) and Disc Jockey
(Soundcloud: MRBeatHack)
Sport activity: canoe/rafting (certified), trekking/climbing, scuba-diving (certified diver) and fitness

Machine Learning (Compression GA): 11.00%
Web Apps (Node, ThreeJs): 14.00%
Bockchain (Wallets Unix): 18.00%
iOS Apps - Optimization Algorithms (Seam Carving) Fractal Image Compression