STEFANIA **AVALLONE**

DEVOPS, SOFTWARE DEVELOPMENT

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⊕ Objective

Ph.D. on Machine Learning and Computer Vision for embedded devices. 10 years (mixed) experience in development of latency critical, hardware oriented software, network distributed applications and web interfaces.

‹› TECHNICAL SKILLS

Algorithms   DevOps & Agile   Software Engineering

⊕ Frameworks and Software

- **Preferred languages**: *C, C++, Python*
- **Additional languages**: *JS, Java, MATLAB, PHP, VB.NET*
- **GNU/Linux, and tools** *(valgrind, check, make...)*
- **Database design** *(relational mostly)*
- **Embedded platforms**: *STM32, Raspberry Pi & Arduino*
- **AI**: *Tensorflow, TFLite, Keras, Sklearn, OpenCV, RAPP*
- **Web&Mobile**: *JQuery, Ionic, Cordova, CMSs*
- **Casual**: *reversing, electronics, photograpy, 3d printing*

☰ WORK EXPERIENCE

DevOps Engineer
Capgemini for Ericsson | **2 years (*Jan 2021 - now*)**

- Mentoring and managing a team of 4 developers.
- Design of algorithms, protocols and processes.
- Participation to fairs and expositions; interaction with customers anusiness partners.

Software Development Engineer
Relatech for NTT DATA | **2 years (*Mar 2018 - Dec 2020*)**

- Mentoring and managing a team of 4 developers.
- Design of algorithms, protocols and processes.
- Design of algorithms, protocols and processes.

🎓 EDUCATION

Bachelor's Degree - Computer Science
Università degli Studi di Salerno | *Feb 2018*

Technical leader on many group works:Pacman-playing AI, design of an ARM CPU, control of industrial robots, videogame.
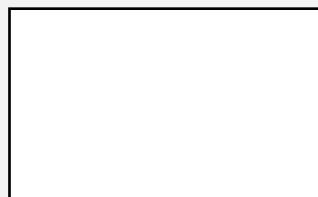Thesis: wearable fall detection.

High School - Computer Science
Istituto tecnico Basilio Focaccia | *Jun 2011*

ⓘ PROJECTS (non-work related)

find more on **stefaniavallone.github.io** ↗

Project 1

Ph.D. on Machine Learning and Computer Vision for embedded devices. 10 years (mixed) experience in development of latency distributed applications and web interfaces.

Project 2

Ph.D. on Machine Learning and Computer Vision for embedded devices. 10 years (mixed) experience in development of latency distributed applications and web interfaces.

Project 3

Ph.D. on Machine Learning and Computer Vision for embedded devices. 10 years (mixed) experience in development of latency distributed applications and web interfaces.