CV MARCO ROMANELLI
SOFTWARE ENGINEER

CONTACT

Location > Udine, Italy (remote)

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ABOUT ME

Versatile person, focused and eager to learn including those subjects outside my professional sector. Background work in the engineering consulting industry and academic sector.
Experience with Python, JavaScript, Docker, between others.
Interests in applied machine learning, data privacy, cybersecurity and criptocurrencies.

EXPERIENCE

November 2019 - November 2022
Software Engineer @ Ecole polytechnique fédérale de Lausanne (Lausanne, Switzerland)
• Design, develop and maintain NewsTeller platform in close collaboration with research staff (newsteller.lsir.ch).
• Develop python library MoZuMa: model zoo for multimedia application (github.com/mozuma).
• Support research staff to the transition of research prototypes into production-grade software tools.
• Technologies used: Python, React.js, Node.js, Elasticsearch, Docker, Ansible.

March 2018 - March 2019
Research Software Engineer @ AKKA Technologies (Paris, France)
One month's training in Geneva on technology consultancy and market analysis followed by on-site work at the innovation department.
• Implement monocular vSLAM algorithms from literature for an autonomous drone.
• Write C++ ROS nodes, contribute to Python robotic software stack.
• Train and test deep learning modules for image recognition in aerial images and videos.

EDUCATION

Oct 2014 - Dec 2017
Master's degree in Computer Science @ University of Padua (Padua, Italy)

Sep 2010 - Oct 2013
Bachelor's degree in Computer Science @ University of Udine (Udine, Italy)

TECHNICAL SKILLS

Languages > Python, JavaScript (React.js, Node.js)
Tools > Git, Docker, Ansible, Linux, shell scripting
Basics > HTML5/CSS3, machine learning

LANGUAGES

Italian   > native
English > full professional proficiency
French > limited working proficiency

LATEST OPEN-SOURCE CONTRIBUTIONS

Goose3   > fix schema extractor
Tensorboard > bug fixes for the embedding projector
ruTorrent   > update Italian language