

GIACOMO AMANTE

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Robotics Engineering background, 4 years of professional experience as Software Engineer, interested in solving challenging problems.

WORK EXPERIENCE

SEP 2018 CURRENT	SOFTWARE ENGINEER (C++, LINUX/WINDOWS, BACKEND) Murex Paris, France Murex is an international fintech company that provides a platform for integrated trading, risk management and treasury. <ul style="list-style-type: none">- Part of a distributed team owning the Collateral Management & Operations modules- Developed a new Liquidity Management module from scratch using TDD techniques- Member of the community responsible for building CI/CD tools Stack: C++, Java, Groovy, Git, P4, Jenkins, Docker, Kubernetes, Bitbucket, Jira, SAlFe
JAN 2017 JULY 2018	SOFTWARE DEVELOPER AND CONSULTANT (C++, LINUX, BACKEND) Amadeus IT Group , as external consultant (ALTEN) Nice, France Amadeus provides search, pricing, booking, ticketing and other services in real-time to travel providers and travel agencies. <ul style="list-style-type: none">- Part of a distributed team responsible for the Sell Process Orchestration- Worked on fraud detection, availability computation and booking lifecycle management- Client support, evolutive and corrective maintenance Stack: C++, Boost, GoogleTest, Mercurial, Git, Jenkins, Bitbucket, Jira
JAN 2016 DEC 2016	MASTER THESIS (COLLABORATIVE ROBOTICS, COMPUTER VISION, AI) Smart Robots / MERLIN Lab @ PoliMi Milan, Italy In the framework of Safe Human-Robot Cooperation, the thesis objective was to design a supervisor to enhance the robot's perception of the surroundings using 3D cameras, giving it advanced cognitive skills to improve work processes where humans and robots work side by side. The thesis was developed in cooperation with Smart Robots , a Milan-based startup which specializes in developing AI solutions for Industrial Robotics. Stack: C++, MATLAB, Microsoft Kinect, Robot Studio

LIFELONG LEARNING

JUL 2018	Machine Learning , STANFORD UNIVERSITY provided on COURSERA
AUG 2018	Deep Learning Specialization , DEEPLARNING.AI provided on COURSERA
FEB 2019	LFS103x: Introduction to Apache Hadoop , THE LINUX FOUNDATION provided on EDX

EDUCATION

2010	Politecnico di Milano , Milano, Italy	
2016	BSc and MSc in AUTOMATION AND CONTROL ENGINEERING	final grade: 110/110
SPRING 2016	Telecom ParisTech , Paris, France Athens programme in EMERGENCE IN COMPLEX SYSTEMS	
SUMMER 2015	St. Petersburg Polytechnic University , Saint Petersburg, Russia Summer School programme in 3D PRINTING AND DIGITAL FABRICATION	

LANGUAGES

Italian (mother tongue), English (fluent), French (fluent), Japanese (notions)

INTERESTS AND ACTIVITIES

Traveling, Jogging, Lifelong learning, Video-games, Technology, AI, Robotics, DevOps Automation