

# GIACOMO AMANTE

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EMAIL: amantegiacomo@gmail.com  
LINKEDIN: linkedin.com/in/giacomoamante  
GITHUB: github.com/gamante91



## WORK EXPERIENCE

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| SEP 2018<br>CURRENT   | <b>SOFTWARE ENGINEER (C++, LINUX/WINDOWS, BACKEND)</b><br><b>Murex</b> Paris, France<br>Murex is an international fintech company that provides a platform for integrated trading, risk management and treasury. <ul style="list-style-type: none"><li>- Part of a distributed team owning the Collateral Management &amp; Operations modules</li><li>- Developed a new Liquidity Management module from scratch using TDD techniques</li><li>- Member of the community responsible for building CI/CD tools</li></ul> <b>Stack:</b> C++, Java, Groovy, Git, P4, Jenkins, Docker, Kubernetes, Bitbucket, Jira, SAFe  |
| JAN 2017<br>JULY 2018 | <b>SOFTWARE DEVELOPER AND CONSULTANT (C++, LINUX, BACKEND)</b><br><b>Amadeus IT Group</b> , as external consultant (ALTEN) Nice, France<br>Amadeus provides search, pricing, booking, ticketing and other services in real-time to travel providers and travel agencies. <ul style="list-style-type: none"><li>- Part of a distributed team responsible for the Sell Process Orchestration</li><li>- Work on different topics such as fraud detection, availability computation and booking lifecycle management</li><li>- Client support, evolutive and corrective maintenance</li></ul> <b>Stack:</b> C++, Boost, Googletest, Mercurial, Git, Jenkins, Bitbucket, Jira |
| JAN 2016<br>DEC 2016  | <b>MASTER THESIS (COLLABORATIVE ROBOTICS, COMPUTER VISION, AI)</b><br><b>Smart Robots / MERLIN Lab @ PoliMi</b> Milan, Italy<br>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.<br>The thesis was developed in cooperation with <b>Smart Robots</b> , a Milan-based startup which specializes in developing AI solutions for Industrial Robotics.<br><b>Stack:</b> C++, MATLAB, Microsoft Kinect, Robot Studio                        |

## LIFELONG LEARNING

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| JUL 2018 | <b>Machine Learning</b> , STANFORD UNIVERSITY provided on COURSERA                   |
| AUG 2018 | <b>Deep Learning Specialization</b> , DEEPLEARNING.AI provided on COURSERA           |
| FEB 2019 | <b>LFS103x: Introduction to Apache Hadoop</b> , THE LINUX FOUNDATION provided on EDX |

## EDUCATION

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

## LANGUAGES

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

## INTERESTS AND ACTIVITIES

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