

Matteo Pantano



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Date of birth September 27th, 1995
in Monselice, Italy

PROFESSIONAL EXPERIENCE

- 03/2019 – present **Masterand**
Siemens AG, Munich, Germany
- Design of a Cyber Physical System for flexible Human Robot Collaboration
 - Industrie 4.0 Production Scenario
 - Human Centered Design
 - Development of Human Robot Interaction Interfaces (Touch and Eye Tracking)
 - User Experience Evaluation
- 09/2018 – 02/2019 **Case Study “Fault detection with unsupervised learning”**
TH Köln and Bosch, Germany
- 12/2017 – 02/2019 **R&D Engineer**
Azienda Agricola Giorgio Pantano, Candiana, Italy
- Development of autonomous driving vehicle for vineyards
 - Requirements definition
 - Assignment of tasks
 - Reporting to company’s owner
- 01/2016 – 06/2016 **Bartender**
BoomBoom, Shanghai, China

EDUCATION

- 10/2017 – present **Master Study Engineering Automation and IT**
TH Köln, Germany
- Thesis: “Design of a Cyber Physical System for flexible Human Robot Collaboration”
 - Grade: 1,4
- 11/2017 – present **Deutschland-Stipendium**
TH Köln, Germany
- Scholarship of excellence at TH Köln

- 09/2014 – 07/2017 **Bachelor Study Engineering Automation**
University of Bologna, Italy
- Thesis: “ROS control of KUKA YouBot”
 - Dottore in Ingegneria dell’Automazione
 - Grade: 108 out of 110
- 09/2015 – 07/2016 **Automation Engineering**
Tongji University, China
- Year abroad for Almatong Project
- 09/2015 – 07/2016 **Almatong double-degree project scholarship**
University of Bologna, Italy
- Scholarship at University of Bologna
- 08/2015 **ROS Summer School**
FH Aachen, Germany
- 09/2009 – 07/2014 **Diploma Scientifico**
I.T.I "F. Severi" - Italy

SKILLS

Languages	German	B1 A2 B1 (reading writing speaking)
	English	C2 C1 C1
	Italian	native speaker
IT	MS Office	Linux
	GIT	Control System Theory
	Data Science	HCD
	ISO 9241	ROS
	HRC	Industrial Networks
Programming	Java	C, C++, C#,
	Python	R
	LateX	Codesys
	SQL	

INTERESTS

Robotics, Grape Growing

München, 08/21/2019