Chiara Relandini

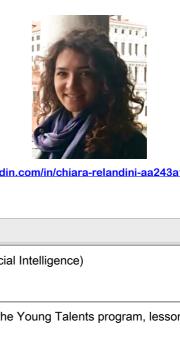
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Nationality Italian

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EDUCATION		
• Sept 2018 - now	Master Degree in Computer Engineering (Artificial Intelligence)	
	Politecnico di Milano - Milano, Italy	
• Sept 2015 - July 2018	Bachelor Degree in Computer Engineering (in the Young Talents program, lessons and exams in English)	
	Politecnico di Torino - Torino, Italy	
	Final grade 110L/110	
• Sept 2010 - July 2015	High School Diploma - MATURITÀ SCIENTIFICA	
	Liceo John Fitzgerald Kennedy - Roma, Italy	
	Final grade 100/100	
	INTERNATIONAL EXPERIENCE	
Cont 2017 Jan 2010		
• Sept 2017 - Jan 2018	Young Talents program at Politecnico di Torino, international exchange	
	UPM - Universidad Politécnica de Madrid - Madrid, Spain	
• Sept 2016	Spanish language course	
	AIP - Valencia, Spain	
• July 2014	English language course - TOEFL Preparation	
	ELC - Santa Barbara, CA, United States	
• Sept 2013 - Dec 2013	International exchange semester with Educatius	
	Nauset Regional High School - Eastham, MA, United States	
	LANGUAGE SKILLS	
Native Language	Italian	
Other languages		
• Other languages	English: C1 (CAE: Certificate of Advanced English, Cambridge)	
	Spanish: C1 (DELE C1)	
	IT SKILLS	
Programming Languages	C, Java, Python, php, HTML, SQL	
Hardware Languages	VHDL	
Databases	MySql	
Middleware	Anache Active MO	

IT Skills	
Programming Languages	C, Java, Python, php, HTML, SQL
Hardware Languages	VHDL
• Databases	MySqI
Middleware	Apache, Active MQ

Unit testing	Junit
• IDE, SCM	Eclipse, GitHub, Android Studio, PyCharm
• 3D printing	SketchUp
Numeric calculus	Matlah

AREA OF INTEREST

My main interest is Machine Learning. I'm focusing my studies on subjects related to Artificial Intelligence, Neural Networks, Fuzzy Systems, Machine Learning and Model Identification and Data Analysis. I have a good theoretical knowledge so far and I'm keen to make it more robust with a real world experience in the industry.

ACADEMIC PROJECTS

SELF DRIVING CAR - The Batcar is a project for the Computer Architecture Course at Politecnico di Torino, whose main purpose is to develop a self driving car model. It consists in programming an FPGA board (Xilinx - Nexys4), designing and 3D-printing the frame of the car. https://github.com/chiararelandini/Batcar

CHAT APPLICATIONS - Two Java projects developed on Eclipse and GitLab which allow sending messages among several client applications, supervised by the chat server. The first one exploits the messaging broker Apache ActiveMQ and is based on JMS Topic Architecture, whereas the second one is based on Remote Method Invocation (RMI) and callback mechanisms. Data persistence and actualization is kept by the JDBC connection with a MariaDB database.

Java-Script LANGUAGE PROCESSOR - A project for UPM, working as a language processor for Java-Script. Developed through the tools: flex, to produce the lexical analyzer, and bison, to produce the syntactic and semantic analyzers.

Ambient Intelligence - HouseOnFire is a Python based project for Politecnico di Torino, whose purpose is to manage all aspects of an house party, such as music, lights and noise threshold. Its most innovative feature is to track guests' movement in the house through an Android mobile application able to scan Estimote Bluetooth Beacons. https://ami-2018.github.io/HouseOnFire/

TRACKMe - A project for the course of Software Engineering at Politecnico di Milano, developing a system for health care and sharing of information among individual users and third parties. It consists in the development of the first two phases of a Sw Engineering project: the Requirement analysis (RASD) and the Design document.

PERSONAL SKILLS AND INTERESTS

- During my long Scout experience I've learned both team-working and leadership. I was trained to get by with my group by working together and to lead my team.
- I've played tennis at competitive level for 6 years. Matches in official competitions made me learn how to amiably solve arguments, firmly supporting my own point of view. They also made me understand what struggling for a goal means, going beyond your limits, and how satisfying it is to reach your targets by working hard with your own strengths.
- I play piano and practice sports: tennis, windsurf, kitesurf, beach volley, running, skiing.
- I like traveling to see the world and how other peoples live. I like taking pictures and editing video.

OTHER INFORMATION

- Driving license, own car
- · Available to travel on business in Italy, abroad

In compliance with Italian legislative Decree no.196 dated 30/06/2003, I hereby authorize the user of this document to process my personal data.