

## PERSONAL INFORMATION

## Carlo Castorina



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## WORK EXPERIENCE

- 2014–Present **Numerical control machine operator**  
-Excellent mastery of software dedicated to the control of CNC machines in particular Grbl, Mach3 and Universal Gcode Sender
- 2014–Present **Numerical control machine designer**  
-Excellent knowledge of electronic material to be used for CNC design  
- Good mechanical knowledge for the design and construction of sophisticated structures with excellent structural parameters for CNC machines.
- 2016–Present **Industrial designer**  
-Excellent mastery and dexterity with technical drawing software like AutoCAD and Fusion 360
- 02/2016 **ETS 5 software programmer for the use of KNX devices**  
Essegi Domo - smart home, Catania (Italy)  
-Management and control of lighting and dimming.  
-Management and control of heating, conditioning and ventilation.
- 02/2016 **Trainee Apprentice**  
I.T. Archimede Catania, Catania (Italy)  
-Learning on the basic rules on safety at work
- 01/10/2018–08/10/2018 **Trainee Apprentice**  
Euromecc SRL, Catania (Italy)  
-MANSION: assembly and repair of junction boxes of various sizes by means of special instrumentation, dedicated to various industries.  
-Use of an industrial cnc milling machine, for different types of processing such as forage, flaring and threading.

## EDUCATION AND TRAINING

- 12/09/2014–Present **Electronic expert specialized in Automation**  
I.T. Archimede, Catania (Italy)
- 25/05/2016 **ECDL CAD Certificate - Level "Specialized"**
- 28/05/2018 **"Cisco Networking Academy" course**

## PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A1	A1	A1	A1	A1
	Trinity A1				
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills** -Excellent communication skills and relationship skills with people with linguistic and cultural diversity acquired through participation in various courses and competitions in teams, projects and activities of OpenDay

**Organisational / managerial skills** -Leadership of a team of 3 students for robotics competitions  
- Compliance with deadlines and interest in achieving company objectives

**Job-related skills** - Excellent knowledge in the field of CNC machines  
-Excellent knowledge of the G-code language and of the Macros

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Independent user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Good knowledge of the Arduino IDE programming language  
- Good knowledge of the C ++ programming language

## ADDITIONAL INFORMATION

**Honours and awards** Awarding of the 1st Prize through the presentation of a self-made cnc machine in the "Archimede Lab" competition organized by IT Archimede to promote students' planning, passion and employment.

**Projects** Certificate of Participation in the Financial Education Project

**Certifications** Certificate of Participation as a volunteer in the regional selection of the Islands and Calabria for the competition of the robotics races First LEGO League Italy

**Certifications** Certificate of Participation in Territorial Preselections "Robocup JR Rescue - Italia 2017"

**Certifications** Certificate of participation in the Sicily Territorial Selection "Robocup Junior 2018 in the OnStage and Rescue categories"