

## PERSONAL INFORMATION

## Giuseppe Seminerio



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## STUDIES APPLIED FOR

Waiting for diploma in electronic survey at Automation in I.T. Archimede of Catania, subsequently a degree in electronic engineering

## WORK EXPERIENCE

14/06/2018–11/08/2018

## Building electrician

Ragusa Salvatore, Catania (Italy)

- Removal and replacement of phase-neutral-ground cables for push-buttons, switches, leds, relays, intercoms.

14/06/2018–12/08/2018

## Paperboard, textile and related products assembler

Ragusa Salvatore, Catania (Italy)

Fixing and mounting of plasterboard on the roofs of houses.

01/12/2018–08/12/2018

## Cement machine operator

Raffagnino Enrico, Catania (Italy)

- Thread for bolts on an iron support.
- Re-assembly of a large and old cement machine. Stations are placed and locked on a support for the cement machine.
- Refined metal bars with saw. Laundry tires for rollers, mounted vibrator on tiles screwed into hoppers.
- Realization of pistons with 5-way solenoid valves.
- Fixation of magnetic sensors on hoppers.
- Realization of a wired PLC circuit to manage pump, oil and temperature alarms with some push-button panels.

## EDUCATION AND TRAINING

13/09/2016–Present

I.T. Archimede, Catania (Italy)

- Learning of the individual electronic components on special types of circuits.
- Check the theoretical and practical behavior of the circuits thanks to the use of oscilloscope and other instruments.
- Programming of some components with Arduino and Dev C ++.
- Implementation of flowcharts with the "AlgoBuild" software.

25/01/2018–31/01/2018

I.T. Archimede, Catania - Messina - Valverde - Reggio di Calabria (Italy)

- **M.I.S.E Calabria and Telecom Catania Inspectorate**: explanation of telecommunications functions, radio communication, wireless network management, FM radio frequency bands.

- **Harbor office VTS Messina**: vision of antennas, control methods, maritime management.

- **Sigonella aircraft maintenance department**: methods of aircraft supervision, air and weather control activities.

## PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B1	B1	B1	B1	B1

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 Selfless and Collaborative

Organisational / managerial skills Time management, precise and timely

Job-related skills

- Robot construction.
- Electrician.
- Excellent programming skills in C / C ++ and block diagram.

## ADDITIONAL INFORMATION

Projects

- Participation in the RoboCup Jr Rescue Line and FLL (First Lego League) races for 3 years.
- Participation in the STMicroelectronics32 competition as a project of a fully automated greenhouse prototype with remote management, control and maintenance via bluetooth.
- Personal projects such as: automatic water dispenser, dot panel, small jammer, power bank with solar recharge, bluetooth case with 7 acoustic speakers.

Honours and awards First place in the regional FLL and RoboCup Jr Rescue Line competitions 2018

Certifications

- Introduction to home automation with KNX world standard - basic level. Acquired in February 2016. certificate of the "Cisco Networking Academy" course.
- With the certification:
  - Choose the appropriate components to build, repair or upgrade personal computers.
  - Explain how to properly use the tools and how to work safely in the laboratory.
  - Install the Windows operating systems.
  - Perform the management and maintenance of Windows operating systems.
  - Configure computers for network communications.
  - Set up devices to connect to the cloud services on the Internet.
  - Explain how to configure, design and do troubleshooting related to Mac or Linux mobile operating systems.
  - Install and share a printer to meet customer requirements.
  - Implement basic security for hosts and networks.

- Illustrate the roles and responsibilities of the IT professional.
- More complex hardware and software troubleshooting.