PERSONAL INFORMATION

First name / Surname	**Nicholas Cachia**
Address	📍 25, Dar is-Sliem, Spring Street, Siggiewi, Malta
Telephone(s)	📞 21461652 📱 +356 99222490
E-mail	✉ nicholas.cachia@gmail.com
Nationality	Maltese
Date of birth	13/07/85
Gender	Male

Desired employment / Occupational field:

Electrical / Electronics Engineer

Work experience

Dates	Feb 2019 - present
Occupation or position held	**Assistant Engineering Manager**
Employer	**ST Microelectronics (Malta) Ltd.**
Type of business or sector	MEMS Semiconductor industry.
Main activities and responsibilities	

- Liaises with the equipment manufacture to perform hardware and software upgrades to improve machinery uptime and efficiency.
- Coordinate tasks with line technicians and engineers to perform daily maintenance activities such as:
  - To resolve Electrical and Mechanical faults on P&P handlers.
  - Debugging Electrical tester problems.
  - Optimise test equipment parameters and qualify changes.
    Schedule a maintenance plan using CMMS for PMs and calibrations.
- Assist new equipment installation and validation.
- Assist in budgeting new projects.
- Monitoring spare parts consumption using SAP and work with the purchasing department to qualify 2nd source supplier in order to reduce / control maintenance cost.

Dates	August 2015 - Jan 2019
Occupation or position held	**Senior Maintenance Engineer**
Employer	**ST Microelectronics (Malta) Ltd.**
Type of business or sector	MEMS Semiconductor industry.

Dates	February 2011 - July 2015
Occupation or position held	**Test Process Engineer**
Employer	**ST Microelectronics (Malta) Ltd.**
Type of business or sector	MEMS Semiconductor industry.

Main activities and responsibilities	- Introduce and qualify new processes to achieve the desired quality, productivity and yield. - Upgrading automated equipment for the existent and new products. - Monitor daily reports on yield, cycle time, UPH and other key performance indicators. - Evaluate non-conforming material. - Certify new line operators with accordance to the company requirements. - Improve the current work practices and give feedback to the line operators with clear instructions. - Verify that all processes are in line with company's SOPs. Working with varies departments within the organisation.
Dates	August 2010 - January 2011
Occupation or position held	**Marine Electronics Field Service Engineer**
Employer	**Navicom Marine Ltd.**
Type of business or sector	Marine electronics servicing.
Main activities and responsibilities	- Servicing, programming, fault finding and installation of marine navigation and communication equipment such as Radars, Electronic charts, Autopilots, Voyage Data Recorders (VDRs), Global Positioning Systems (GPS) and VHF radio systems. - Compile a report on the duties carried out on each vessel.
Dates	July 2006 - September 2009
Occupation or position held	**Maintenance technician**
NAME AND ADDRESS OF EMPLOYER	**ST Microelectronics (Malta) Ltd**
Type of business or sector	Semiconductor industry
Main activities and responsibilities	- Repairing electrical/electronic and mechanical faults on high-end automated finishing equipment. - Performing preventive maintenance and calibration on machinery including software/hardware upgrades. - Reporting to the maintenance engineer any pending issues and highlight system improvements.
Dates	July 2003 - June 2006
Occupation or position held	**Apprentice Technician**
Employer	**ST Microelectronics (Malta) Ltd**
Type of business or sector	Semiconductor industry
Main activities and responsibilities	- Assisting technicians to carry out electrical / electronic repairs. - Take every opportunity to learn about system design, how to troubleshoot electrical faults and fixture problems. - Interpret blueprints, schematics and diagrams. - Rearrange electrical wiring.

Education and training   -

Dates	2009 - 2010
Title of qualification awarded	**Bachelor of Science (Honours) in Electronics and Control Engineering.**
Principal subjects/occupational skills covered	Digital Signal Processing, Signals and Systems, Electronics, Control Theory, Advanced Digital Electronics, Microcontrollers, Software Design and Analysis, Entrepreneurship. Thesis was focused on a Design and implementation of a function generator within a Field Programmable Analog Array.
Name and type of organisation providing education and training	**MCAST Electrical and Electronics Institute, Paola**
Level in national or international classification	NVQ level 6

Dates	2007 - 2009
Title of qualification awarded	**Higher National Diploma in Electrical/Electronic Engineering**
Principal subjects/occupational skills covered	Digital and Analogue electronics, analytical methods of engineers, business management techniques, engineering design, microprocessor systems, Programmable Logic Controllers, Engineering mathematics.
Name and type of organisation providing education and training	MCAST Electrical and Electronics Institute, Paola
Level in national or international classification	NVQ level 5
Dates	2006 - 2007
Title of qualification awarded	**Enemalta wireman's licence A**
Principal subjects/occupational skills covered	Electrical single phase theory and technology principles.
Name and type of organisation providing education and training	John L.Caruana Eng. Tech. AMIIE (Elect), electrical installation consultant and tutor.
Level in national or international classification	Enemalta licence A
Dates	2002 - 2006
Title of qualification awarded	**MCAST Diploma in Industrial Electronics**
Principal subjects/occupational skills covered	Digital and analogue electronics, programming microprocessors 8051, PIC and 8086 Processor, C programming, project work, electronics practice, engineering mathematics, automation and control, mechanical engineering. Final year project - Programmable DC to AC inverter.
Name and type of organisation providing education and training	MCAST Electrical and Electronics Institute, Paola
Level in national or international classification	NVQ level 4
Dates	1st September 2005 - 17th November 2005
Title of qualification awarded	**Programming in Unix and C training**
Principal subjects/occupational skills covered	C Programming including Basic C libraries, File input output, Functions. Introduction to Unix, Unix basic commands, Compression and Backups, Shells and scripts.
Name and type of organisation providing education and training	ETC Employment & Training Corporation

Personal skills and competences

Mother tongue(s) Maltese

Other language(s)
SELF-ASSESSMENT

	Understanding		Reading		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	B2	B1	B2	B2
Italian	B1	A2	A2	A2	A1

European level (*) Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Technical skills and competences Journeyman's certificate after the completion of a Technician Apprenticeship Scheme.

Computer skills and competences

Using computer application such as "word, excel, access", Autocad 2D and 3D, Programming in visual basic, performing general computer repairs and maintenance.

Hobbies/Interests/achievements

Running, Cycling, Swimming.

Driving licence

Category B