

# PABLO ACOSTA

SUNBURY, VIC. MELBOURNE

[LINKEDIN PROFILE](#)

PMACOSTALUQUE@GMAIL.COM

PHONE: 0491-711-014



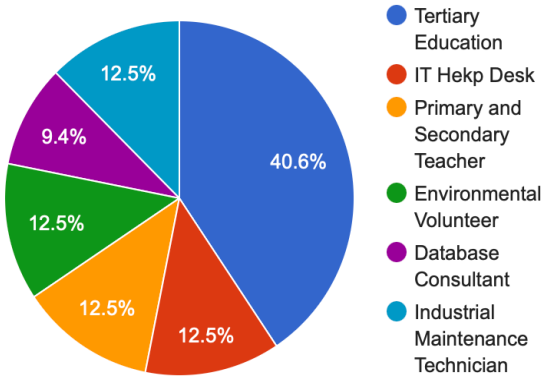
## EDUCATION

Certificate IV in Cyber Security	RMIT University	2023 - Present
Master of Environment	The University of Melbourne & Autonomous University of Madrid	2014 - 2016
Engineer in Electronics, Automation and Control	Army Polytechnic School - Ecuador	1999 - 2006
Certificate in Solar Energy applications	GNERI/UNIDO - China	Aug 2009 - Oct 2009
Certificate in Essential IT Skills	NIIT - India	Jan 2008 - Apr 2008

## EXPERIENCE

POSITION	INSTITUTION	PLACE	YEARS
Tertiary Electronics Teacher	CENTRAL TECHNICAL INSTITUTE	QUITO-ECUADOR	6.4
IT help desk	CHARLES DARWIN FOUNDATION	GALAPAGOS	2
INTERN	MINISTRY OF ENERGY OF UGANDA	KAMPALA	0.1
Environmental Volunteer	CHARLES DARWIN FOUNDATION	GALAPAGOS	2
Primary and secondary teacher	SCALESIA FOUNDATION	GALAPAGOS	2
Data base consultant	CHARLES DARWIN FOUNDATION	GALAPAGOS	1.5
Industrial Maintenance Technician	ANDINA MILK FACTORY	QUITO-ECUADOR	2
<b>Total</b>			<b>16</b>

## EXPERIENCE BY FIELD



## TRAINING

TOPIC	HOURS
1. CISCO NETWORKING CCNA 1	70
2. CISCO NETWORKING CCNA 2	70
5. PYTHON ESSENTIALS	5
6. MICROSOFT 365 EXPERT	8

## Languages



## Skill Set



# Pablo Moises Acosta Luque

Permanent Resident of Australia

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## Profile

I have extensive experience as an Electronics Engineer in Ecuador, both in Industry and in Tertiary Education. I am currently studying a Certificate IV in Cyber Security at RMIT University to expand my knowledge, which I will complete in June 2024.

## Experience

**Tertiary Electronics Teacher** at the National Secretariat of Higher Education, Science, Technology, and Innovation of Ecuador (Senescyt).

*Oct 2016 - Jan 2023*

Full time tertiary Electronics Teacher, specialising in Robotics, Automation and Control for technicians at the Central Technical Institute in Quito, Ecuador, part of Senescyt.

**Intern in the Renewable Energy Department** at the Ministry of Energy and Mineral Development of Uganda

*Jun 2015 - Aug 2015*

Worked for the Ugandan government, evaluating the products of private solar companies entering into the Renewable Energy market so the Ministry could design the quality standards based on this research.

**Physics High School Teacher (substitute)** at the Korean Hansei International Christian Academy, Quito - Ecuador

*Jun 2013 - Oct 2013*

Substitute Physics Teacher. The students were between 14 and 18 years old.

**Database Consultant** at the Ministry of Agriculture of Ecuador.

*Aug 2012 - Dec 2012*

Fixing software errors and managing the Microsoft Access Database for the Phytosanitary Department as a consultant.

**Database Consultant** at Charles Darwin Foundation for the Galapagos Islands - Ecuador.

*Jan 2012 - Mar 2012*

Fixing software errors and managing the Microsoft Access Database for the Botanical Department as a consultant.

**Maths & Computing Teacher** in “Tomas de Berlanga School” at the Scalesia Foundation, Galapagos Islands - Ecuador

*Apr 2010 - Mar 2012*

Full time primary and secondary Mathematics and Computing Teacher. The students were between 8 and 17 years old. Designed and managed a Microsoft Access Database for the school’s grading system.

**Professional Volunteer** at Charles Darwin Foundation for the Galapagos Islands - Ecuador

*Jul 2008 - Dec 2009*

- IT helpdesk.
- Designing and evaluating a solar PV system for running the office computers using solar energy at the Charles Darwin Research Station.

**Industrial Maintenance Supervisor** at Andina Milk Factory, Ecuador

*Feb 2006 - Dec 2007 (1 year 11 months)*

Industrial Maintenance Supervisor, responsible for a team of technicians, maintaining the machinery at the milk factory.

## **Skills**

Teaching, Electronics - Robotics, Programming languages (C++, Python, Basic, etc) IT (Windows, MAC, Linux, Office), Solar Energy, HTML, CSS, Javascript, Cybersecurity - Networking.

## **Languages**

English (Advanced), Spanish (Native)

## Education

### **Certificate IV in Cybersecurity** from RMIT University, Melbourne - Australia

*Jun 2023 – Present*

Knowledge and skills in the cyber security industry which includes but is not limited to:

- monitor the risk of cyber security attacks.
- implement appropriate defences.
- use a range of tools and procedures to mitigate cyber security threats.
- protect organisations from insider security breaches.
- develop systems to minimise network vulnerabilities.

### **Master of Environment (Energy Studies)** from The University of Melbourne, Australia

*Completed 2016*

Master of Environment with specialisation in Energy Studies, completed on 15th March 2016.

Subjects undertaken: Sustainable Buildings, Solar Energy, Remote Sensing, Foundation of Spatial Information, Presenting Academic Discourse, Sustainability Governance and Leadership, Interdisciplinarity and the Environment, Renewable Energy, Regenerating Sustainability, Energy for Sustainable Development, and Quantitative Environmental Modelling.

### **Exchange student at** the Autonomous University of Madrid, Spain

*Completed 2016*

One semester in an exchange program in accordance with the terms of the exchange agreement signed between the Autonomous University of Madrid and the University of Melbourne.

Subjects undertaken: Energy and Environment, Solar Thermal Conversion, Wind and Geothermal Energy, Economy of Energy and Sustainable Development, Computer Simulation and Automatics, and Nuclear Fission and Fusion.

**Bachelor of Engineering (Electronics)** from the Army  
Polytechnic School, Ecuador

*Completed 2006*

Academic Program of Engineering in Electronics, Automation and Control. Main subjects undertaken: Robotics, Programmable Logic Controllers (PLC), Micro-Controllers, Automation, Software and Hardware Design.

**Certificate in Solar Energy Applications** at Energy Development Council, Gansu Natural Energy Research Institute (GNERI)/UNIDO International Solar Energy Centre for Technology Promotion and Transfer (UNIDO-ISEC)

*Aug 2009 – Oct 2009*

**Certificate in Essential IT Skills** sponsored by the Ministry of External Affairs of India

*Jan 2008 – Apr 2008*

## Certifications

### **CCNA: Introduction to Networks**

Issued by CISCO

*Jun 2021 – Aug 2021*

Knowledge of networking including IP addressing, how physical data link protocols support Ethernet, can configure connectivity between switches, routers and end devices to provide access to local and remote resources. Participated in hands-on labs using Cisco hardware and Packet Tracer tool.

### **CCNA Routing and Switching Certificate**

Issued by CISCO

*Aug 2021 - Sep 2021*

Foundation in switching operations, wired and wireless LAN configuration using security best practices, redundancy protocols, and developed problem-solving skills. Participated in practice activities and hands-on labs using Cisco hardware and the Cisco Packet Tracer tool.

### **Cert Prep: Word Expert - Microsoft Office (Specialist for Microsoft 365 Apps)**

Issued by LinkedIn Learning on Aug 17, 2023

**Cert Prep: Excel Expert - Microsoft Office (Specialist for Microsoft 365 Apps)**

Issued by LinkedIn Learning on Aug 16, 2023

**Python Essential Training**

Issued by LinkedIn Learning on Aug 03, 2023

**Public Speaking Foundations**

Issued by LinkedIn Learning on Aug 03, 2023

**Publications**

**Hot incremental forming of biocomposites developed from linen fibres and a thermoplastic matrix**

Journal of Mechanical Engineering

**Year of publication: 2021**

[Link](#)

**Sustainability in terms of energy consumption in processes of incremental forming and stamping**

Materials Today: Proceedings

**Year of publication: 2022**

[Link](#)