PABLO ACOSTA

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WEBSITE

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EDUCATION

DEGREE	UNIVERSITY	COUNTRY	START - END
Certificate IV in Cyber Security	RMIT University	AUSTRALIA	Jun 2023 – Jun 2024
Master of Environment	University of Melbourne	AUSTRALIA	Mar 2014 – Mar 2016
Master in Energies for the Future	Autonomous University of Madrid	SPAIN	Sep 2015 – Jan 2016
Bachelor of Science, Major Electrical Engineering.	Army Polytechnic School	ECUADOR	Feb 1999 – Dec 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

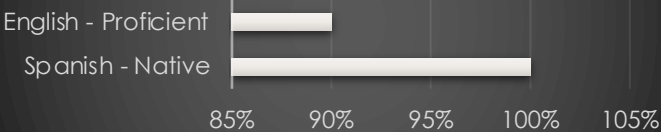| POSITION	INSTITUTION	PLACE	YEARS
Tertiary Electronics Teacher	CENTRAL TECHNICAL INSTITUTE	QUITO-ECUADOR	6.4
IT help desk	CHARLES DARWIN FOUNDATION	GALAPAGOS	2
INTERN in Renewable Energies	MINISTRY OF ENERGY OF UGANDA	KAMPALA	0.1
Volunteer at the Education Department	CHARLES DARWIN FOUNDATION	GALAPAGOS	2
Primary and secondary teacher	SCALESIA FOUNDATION	GALAPAGOS	2
Data base consultant	CHARLES DARWIN FOUNDATION	GALAPAGOS	1.5
Industrial Maintenaince Technician	ANDINA MILK FACTORY	QUITO-ECUADOR	2
Total			**16**

SKILLS

- ✓ Cybersecurity (Blue Team, Red Team techniques)
- ✓ Programming languages (Phyton, C++,Basic)
- ✓ Web Design (HTML, CSS, Java Script)
- ✓ Networking
- ✓ Electronics (Microcontrollers, PLC, Robotics)
- ✓ Operative systems (Linux, MacOS, Windows)
- ✓ Cloud computing (AWS, Azure)
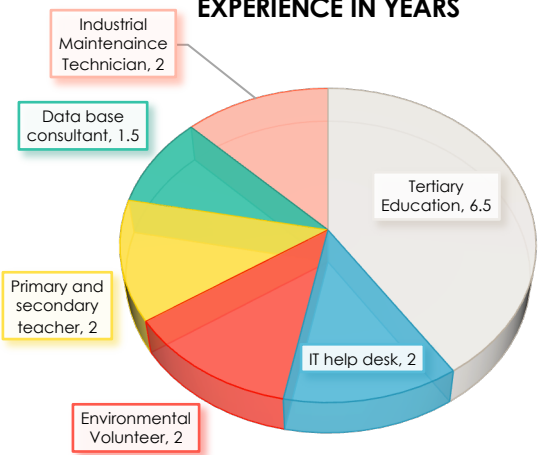- ✓ Active Directory, Group policies

Languages

English - Proficient
Spanish - Native

85%   90%   95%   100%   105%

SPECIAL CERTIFICATIONS

TOPIC	HOURS
CCNA1: CISCO INTRODUCTION TO NETWORKING	70
CCNA 2: CISCO SWITCHING, ROUTING AND WIRELESS ESSENTIALS	70
AWS ACADEMY CLOUD FOUNDATIONS	20

EXPERIENCE IN YEARS

Industrial Maintenaince Technician, 2
Data base consultant, 1.5
Tertiary Education, 6.5
Primary and secondary teacher, 2
IT help desk, 2
Environmental Volunteer, 2

Pablo Acosta

Permanent Resident of Australia
[WEBSITE](#)

Profile

Cybersecurity technician, proficient in the use of a range of tools and procedures to mitigate cyber security threats, and to minimise network vulnerabilities to meet the growing needs of industry. I have extensive experience (8 years) as an Electronics Engineer overseas, both in Industry and in Tertiary Education.

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 (Microcontrollers, PLC, Robotics), Programming languages (C++, Python, Basic), Operating systems (Linux, Windows, MacOS), Solar Energy, Web Design (HTML, CSS, Java script), Cybersecurity (Blue, red team techniques), Networking.
Languages	English (Proficient), Spanish (Native)

Education

Certificate IV in Cybersecurity from RMIT University, Melbourne - Australia

Completed Jun 2024

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 March 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 Science, Major Electrical Engineering 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.

AWS Academy Graduate - AWS Academy Cloud Foundations

Issued by Amazon Web Services

Feb 2024 – Jun 2024

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