

Overview	Notes/Remarks
Name	Nilo
Position Applied	CAD
Current Company	Security Company
Years of Experience	6+ Years already here in New Zealand doing various jobs with 1+ year CAD Engineer experience in a Security company.
Skills	<p>Bachelor of Engineering in Electrical / Electronic & Telecommunication 2008-13</p> <ul style="list-style-type: none"> Engineering New Zealand Registered: No. 1150430 <p>Automation, Controls, Electrical or Instrumentation Engineer and one of the main tasks is PLC programming.</p>
English	8/10
Location	Auckland
Willing to relocate	Yes
Rate looking for	65k – 70k Annually
Visa	ES Visa expires on October 2022
Driver's license	Learners
Notice Period	2 weeks
Motivation	Would like to have a stable job that will support his visa
Reasons for leaving	He was made redundant last 2020 and been looking for a job and was not able to find a good company. Some friends help him with his financial status
CV	Next page



Dave_Electronic CAD | Engineer

Summary

- Engineering professional with advanced technical skills. Highly motivated and focused, with a record of succeeding alongside a team. Experience in technical, client-facing and high-pressure roles.
- Strong background in Electrical and Electronics such as diode and transistor characteristics, switching operation, frequency drivers, instrumentation, radio-wave propagation, and analog and digital transmission.
- Expertise in Microsoft Office (Word, Excel, Visio) and Microsoft Windows, SQL, C++, Python, KiCAD PCB Design, Rockwell Allen-Bradley Programmable Logic Control (PLC), AutoCAD, Revit, MATLAB, and field bus architecture.
- Experience in testing and manipulation of power supply, multimeter, spectrum analyzer, oscilloscope as well as soldering, printed circuit board and logic circuit design.
- Proficient in Rockwell Allen-Bradley PLC and HMI design, testing and debugging of software programs.
- Competent in building test plans, manuals, scopes and limitations of the implemented software base on the clients' specification.
- Determined, customer-focused, have dynamic communication skills and able to speak 9 different languages including Spanish and basic German.

Experience

Electronic & CAD Engineer

Jun2019-Sep2020

Advanced Security, Grenada North, Wellington

- Calculating CCTV field of views and pixel density for analytical software.
- Performing detailed load calculations for equipment such as access control, servers and security panels.
- Producing detailed documentation, manuals, schematics, layouts and wiring diagrams using CAD, Revit and Visio.
- Installing and programming software of servers, NUCs, kiosks for client's security systems.
- Creating cable schedules and schematic diagrams of buzzers, push buttons I/O devices and other peripherals to interface to microcontroller such as Gallagher, Integriti and Tecom.

Technical Support Advisor

Feb-Oct 2017

Concentrix Services (Apple), Wellington City, Wellington

- Repairing and replacing peripheral equipment such as terminals, printers, and modems.
- Determining software and hardware requirements to provide solutions to iOS smart devices issues.
- Adapting existing programs to meet users' requirement who are base in North America and Asia-Pacific region.

Technical Support Analyst (Contract)

Nov-Dec 2016

Ontempo Retail Systems, Kumeu, Auckland

- Identifying, resolving and suggesting solutions of computing problems.
- Troubleshooting clients' retail POS sequel problems and error messages.



- Executing software changes and maintaining upgrades as per customer request.

Helpdesk Support (Internship)

Mar-Apr 2016

Regent International Education, Auckland City, Auckland

- Answering emails and requests for technical support.
- Helping students install, configure and troubleshoot software.
- Solving technical issues and problems in the computer laboratory.

Data Collector (Contract)

Jan-Mar 2016

Waitemata DHB, Takapuna, Auckland

- Proposing solutions to the report and evaluating the performance of each cleaner.
- Analyzing, examining and comparing Time and Motion Study in every hospital area.
- Gathering statistics of cleaners' tasks and reasons of delay for Auckland University Research program.

Qualification & Affiliation

Bachelor of Engineering in Electrical / Electronic & Telecommunication 2008-13

- **Engineering New Zealand Registered: No. 1150430**
- **Papers and Grades:**

Control Systems-91%	Thermodynamics-82%
Technical Writing-91%	Energy Conversion-79%
Industrial Electronics-88%	Direct Current Circuits-85%
Logic Circuit Switching-85%	Electronic Circuit Design-82%
Electronics 3 (Amplifiers)-82%	Computer-Aided Drafting-85%
Electronic Device & Circuit-88%	Alternating Current Circuits-82%
Microprocessor/Microcontroller-88%	Instrumentation & Controls-91%
- **Portable Medication Reminder**
Researcher and Layout Designer using two microcontrollers and a GSM module. An individual final-year Thesis Project for the completion of Bachelor's Degree.
- Led two teams in two different papers namely "Methods of Research" and "Communications 5" where the study talks about ways of obtaining Electrical Energy for commercial usage and, configuration of Distributed Antenna Systems to an entire metropolitan area respectively.

NC II in Electrical Installation & Building Maintenance

2014-14

- Practical experience in electrical wiring, lightning and related equipment and systems in residential houses/buildings ≥600V.

Diploma in IT (Level 7)

2015-16

- **Papers:** Network Security, Software Development, Advanced Database Management Systems, Managing Network OS, Designing and Implementing Networks, and Project Management
- Handled a team of six in Project Management and attained an A grade.

Scholarship & Achievement

- **GASTPE Scholarship** College
Covered half of the tuition if no failing mark.
- **DND-CHED-PASUC Scholarship** University
Partially reduced fees plus allowance for no grade below 75%.

Seminar, Workshop & Conference

- Transpower Site Visit 04Sep 2018
- IPENZ New Code of Ethical Conduct 18Aug 2016
- IEEE New Zealand Wireless Workshop 2015 04Sep 2015
- A new form of Architecture Insight 10Mar 2015
- National Mapping and Resource Information Authority: Mapping Our Territories 07Feb 2013



- International Airport: Navigation Systems 06Feb 2013
- Power Plant: Energy Generation and Distribution 06Feb 2013
- International Terminal Corporation: Delivery Process 05Feb 2013
- Atmospheric, Geophysical and Astronomical Services Administration: Weather Forecasting 05Feb 2013
- Radio and Television Broadcasting 04Dec 2012
- Fuzzy Logic and Artificial Intelligence 12Nov 2012
- Digital Television Technology 11Nov 2012
- Fastest Geek: 2012 – A Logic Circuit Design Competition 16Sep 2012

Referees

Available on request

