

TIEN NGUYEN

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Skills Overview:

- Strong electrical engineering technology knowledge base
- Visual Basic, C, Interface Technology, PLC and MATLAB Programming
- Use Mutism to design DC, AC, Digital Circuits, and advanced electronics.
- Soldering, Wiring, Testing cleaning machines and Central Inverter.
- Hand and power tools, and electro-mechanical aptitude.

- **Education:**

Metropolitan State University of Denver, CO

Candidate for Bachelor of Science degree in Electrical Engineering Technology in May 2019

- Concentration in Power & Control Systems
- Degree Related Projects:
 - Senior Project 1*: Team project. Prepared solar panel, LED lights, IC, and documents for project.
 - *Senior Project2*: Used materials from senior project 1 to build a cube 8x8x8 LED and programmed the cube to work as three dimensions X, Y, Z, and connected it with Solar panel.
- 1 - *Summer Program*: Built solar energy for low income families in Colorado

Professional Experience:

BAXA COOPERATION, Englewood, CO

07/2005- 03/2009

Assembler

- Build eleven, valve, 724 lines and ran Multivac machine.

- COOPER LIGHTING: Aurora, CO
05/2009-07/2010

Assembler team Lead

- Build lighting products and solve sensor and complicated circuits about one year as a team leader. I read and analyze schematic circuits.

- LIMTRONIC: Aurora, Co
07/2010- 10/2011

Assembler

- Built and tested solar penal.

- SMA SOLAR:
11/2011-12-2013

Testing technician

- Quality control, inspection and tested solar control panel and inverter.

- CPI:
01/2014-10/2014

Machine Operator

- ran and fixed MPR 5800. It is a chip machine; operator load credit card and the machine operate and use 3D method to be milled and embedded the card and inlaid the chip. Also, I fixed lamination systems.

- KARCHER:
12/2014-12-2016
Assembler
 - Built, wired, and tested control panel and connected it to clean machine and completed the machine.
- AEM: Aspen Electronic Manufacturing 01/2017-
07/2018
Engineering Assistant
 - I take care of original BOM (Bill of Material) from the customer and create AEM BOM. I selected electronic components for the order and read schematic and help other workers to set up in the system to build PCB (Printed Circuits Boards).