ACHI NGUYEN

Electrical Engineer Co-op

Nanaimo, BC, Canada

+1(250)-619-3595   achi.weng@gmail.com

HIGHLIGHT OF QUALIFICATIONS

Knowledgeable in AutoCAD, Fusion360, Evit, MicroStation, and relevant software

Experienced in the practice of the Canadian Electrical Code

Experienced in Excel, Math Lab

Experienced in Electrical calculation and engineering problem-solving

Excel at Engineering Drawing and Design Processes

Proficient with C++, JavaScript, C, C#, Python

Excellent Computer Skills

Proactive and self-initiative

Effective at Multitasking

Excel at Project Management

Highly driven and passionate student

EDUCATION

❖ Vancouver Island University
Engineer Transfer Certificate

Sep 2022 — Apr 2023
Nanaimo

- Average Grade of 'A'
- Transferring to UBC to pursue Electrical Engineering in the Fall of 2023
- Part of the Engineering Club

❖ John Barsby Secondary School
High School Diploma

Sep 2017 — Apr 2019
Nanaimo, BC

- Involved with Nanaimo Family Life as a volunteer shopper for the elderly.
- Contributed as a volunteer cleaner at the local dam.

COURSES

❖ Principle of Electric Circuits
TsinghuaX via Edx.org Portal

Feb 2023 — Apr 2023

❖ Physics for Physical Science
Vancouver Island University

Sep 2023 — Apr 2023

❖ Vancouver Island University
Computer Science for Engineering, Engineering Design I and II

Sep 2022 — Apr 2023

❖ Matrix Algebra for Engineers
Vancouver

Jan 2023 — Apr 2023

❖ **FreeCodeCamp.org** .... May 2022 — Aug 2022

C++, Web Development (HTML and CSS), JavaScript, Node.js and Express

PROJECT

❖ **Engineering Major Project - Rolling Ball Structure** .... Sep 2022 — Dec 2022

- A semester-long project incorporated with the Engineering Design Class. We were to design and construct a substructure that will receive, elevate and guide the ball to the neighboring substructure. The project requires using AutoCAD to design and produce appropriate design and engineering drawings, as well as integrating motors, sensors, and actuators with proper circuitries. The project was also going through calculation, testing, prototyping, and iteration. In this project, I played the role of Team Leader, Liaison, and Scriber for our team.

❖ **Engineering Club - The Hockey Robot** .... Jan 2022 — Apr 2023

- A year-long project that involved the design and building of a Hockey Robot; with built-in motors and mechanisms to score hockey pucks down from the middle line. The project required the use of AutoCad to 3D-print a true-scale Stanley Cup, as well as an electrical and mechanical motor for the robot.

❖ **DNA file Reader** .... Sep 2022 — Apr 2023

- The project for my Computer Science 160 was to design software that will take the input as a FSA type file. The program will read and edit the file accordingly. More specifically, the project was required to print out only selective information (DNA chain) and finally return a summarized report of the input file.

WORK EXPERIENCE

❖ **Shanhai City Restaurant - Server** .... Feb 2021 — Present
Nanaimo

- Provide excellent oriental food services in a fast pace environment
- Establish high-quality customer service
- Serving and Accommodating guests
- Communicating effectively between staff and co-workers
- Manage customers' orders in high volume
- Ensuring top-notch customer service while also maximizing profit for the business

REFERENCES

❖ **Dr. Brian Dick** .... +1(250)-753-3245 Ext: 2435
Head of Engineering - Vancouver Island University
Brian.Dick@viu.ca

❖ **Phoebe Yang** .... +1(250)-756-9368
Shanghai City Restaurant
shcr@