

Quang Ngoc (Anthony) Pham

Electrical Engineering Student

Address: 2205 Lower Mall, Vancouver, BC

Phone: (778) 751 - 3968

Email: anthonie3o4@gmail.com

Personal Website: anthon1e.github.io

LinkedIn: [linkedin.com/in/anthon1e](https://www.linkedin.com/in/anthon1e)

TECHNICAL SKILLS

PROGRAMMING: Python, C, C++, HTML, CSS, Matlab, Arduino, ARM & 8051 Assembly, Verilog (HDL)

FRAMEWORKS: Git, Linux, ModelSim, Quartus, Altera Monitor Program, Solidworks, Microsoft Office

LAB TECHNIQUES: Bread-boarding, soldering, basic equipment knowledge (Oscilloscope, multimeter, etc.)

PERSONAL PROJECTS AND ACTIVITIES

REFLOW OVEN CONTROLLER, UBC

January, 2020 – February, 2020

- Built as a team over the span of 3 weeks
- Implemented using a P89LPC9351 microcontroller, a temperature sensor, and an audio system
- Developed the design and user interface in 8051 Assembly and Python 3.6.9

REMOTE CONTROLLED (RC) CAR, Personal Project

December, 2019 – January, 2020

- Designed a RC Car from scratch with friends using an Arduino kit, motors, wheels and styrofoam to gain first-hand experience
- Built a Line Follower Car but with tool-kit equipment for higher quality, also coded in Arduino

DISCORD COMMAND BOT, Personal Project

November, 2019 – January, 2020

- Developed a Discord chatroom command bot using Python 3.6.9
- Utilized API integration to ensure seamless functioning and interaction between applications
- The bot's purpose is to stream music from YouTube and query Wolfram Alpha in order to make online group work faster and more enjoyable

PERSONAL WEBSITE

December, 2019 – Present

anthon1e.github.io

- Developed personal website with HTML and CSS, to showcase my background and other projects

EXPERIENCE

BROOKES SHAWNIGAN LAKE HIGH SCHOOL

September, 2017 – March, 2018

- Volunteer Peer Tutor
- Community Center Support Volunteer

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

September, 2018 – May, 2023

Candidate for Bachelor of Applied Sciences, Electrical Engineering

Vancouver, BC

INTERESTS AND HOBBIES

- Algorithms & Data structures
- Embedded systems
- Soccer, badminton, video games