

Michael Liu

Vancouver, BC | michaelliu1@gmail.com | 778-927-5568

GitHub: <https://github.com/michaelliuuu/> | **LinkedIn:** <https://linkedin.com/in/michaelliuu/>

EDUCATION

University of British Columbia | Vancouver, BC

Sep 2023 - Present

Bachelor of Science in Combined Major in Science: Computer Science, Physics, Earth and Env. Sciences

British Columbia Institute of Technology | Burnaby, BC

Jan 2019 – Mar 2021

Level 3 Electrical Technical Training Certificate

EMPLOYMENT HISTORY

Math and English Tutor

Sep 2023 - Present

Oxford Learning | Vancouver, BC

- Managed assignments for three students simultaneously, delivering personalized guidance to enhance their academic performance and support their successful completion of tasks
- Guided students to overcome their lack of motivation by integrating tailored strategies and support, yielding successful assignment completion within the specified time frame

Third-Year Electrical Apprentice

Jun 2019 – Dec 2021

Pacificom Integration Ltd. | Surrey, BC

- Corrected electrical faults on panels, light fixtures, and receptacles by identifying and troubleshooting the problem before they become urgent
- Trained over five first and second year electrical apprentices by instructing and demonstrating proper electrical installations and code requirements to further their technical knowledge

Restaurant Waiter

Mar 2017 – Jan 2018

Pho Tan | Vancouver, BC

- Maintained day-to-day restaurant responsibilities by employing in depth knowledge of procedures, routines, and policies to ensure seamless operations
- Executed excellent customer service by greeting customers, receiving orders, and accommodating the requests of 100+ customers daily to create an enjoyable experience for the guests

PROJECTS

Divvy | *Flask, HTML, CSS, SQLite3*

- Assembled a web-based application to manage and split expenses among users ensuring accurate tracking of all current expenses in VS Code, for Harvard University's CS50 Python
- Efficiently handles user data with SQLite3 and Flask by implementing database schemas to optimize data retrieval

BlockWatch | *JavaScript, HTML, CSS*

- Implemented a Google Chrome extension that utilizes current prices and Crypto Fear and Greed Index API to assist users in determining the optimal time to purchase certain crypto in VS Code

WeatherIt | *Java*

- Drafted and developed a mobile application utilizing Android Studio during a hackathon
- Allows users to input weather conditions and generating appropriate outfit suggestions, including the option to choose between warmer or colder clothing alternatives

Gas Tracker Mobile Application | *Swift*

- Constructed an IOS app that allows users to enter the number of liters and the price of gas per liter to calculate the total cost of the gas in Xcode
- Displays a graph showing the trend of the total cost of gas over time, with each calculation added as a new data point

TECHNICAL SKILLS

Languages: Java, C++, C, Python, Swift, JavaScript, HTML5, CSS, SQLite3

Developer Tools: Android Studio, Flask, Git, IntelliJ, Visual Studio Code, Xcode