YI-HSIEN HSIN
IT PROFESSIONAL

CONTACT

📞 0965-021-455

in YI-HSIEN (Michaelson) HSIN

✉ michaelsonhsin@gmail.com

🌐 https://michaelsonh-itda.github.io/yihsienhsin.com/

PROFILE

A highly dedicated individual studying at Dalhousie University, Canada currently. Taking Online school in Taiwan because of COIVD-19. Obtains strong IT-related and software engineering skills and great interpersonal abilities. A well-determined person who is willing to learn knowledge and solve problems with patience and pleasure. Strongly desire to work in an inclusive environment to play team working.

TECHNICAL SKILLS

◦ PROGRAMMING LANGUAGES: PYTHON, JAVA (OOP), JAVASCRIPT (ES5&ES6, REACTJS), PHP, XML
◦ PL/SQL, MYSQL
◦ DATA VISUALIZATION (TABLEAU, SAP CLOUND ANALYTICS, SAP LUMIRA AND R)
◦ ORACLE DATABASE (SQL PLUS, SQL DEVELOPER)
◦ ERD DIAGRAM
◦ HTML5/CSS3
◦ LINUX OS
◦ ARDUINO DEVELOPMENT (C&C++)

INTERNSHIP EXPERIENCE

Junior developer (NSCC Work Term)
April 2018 - May 2018

A multi-task project led by Todd Verge, a NSCC instructor.

Responsible for learning Arduino software development, TCL programming language and developing GPS tracker. Participate daily scrum meeting and present weekly progress. Write C&C++ code to program an Arduino board (SIM808), tie it up with a balloon and send it to 3000 meters high. Track its location data and present its visualization. Reprogram a virtual presence robot with Bluetooth controller.

Accomplishment
◦ The GPS data was precise enough to be found its device.
◦ The first group got the device back safely from NSCC GPS tracker project.
◦ The virtual presence robot works perfectly with Bluetooth controller, most of buttons can be functioned.

IBM Virtual Work Placement
June 2020 - June 2020

Call-For-Code competition project led and assisted by IBM.

Responsible for developing a mobile application in both iOS and Android system to solve flood-related problems. Participate daily scrum meeting and present weekly progress.

EDUCATION

IT Data Analytics Diploma
2018-2020
Nova Scotia Community College

Bachelor of Applied Computer Science
present-2022
Dalhousie University

INTERPERSONAL SKILLS

- ◦ COLLABORATION
- ◦ CREATIVE AND SELF-MOTIVATED
- ◦ INCLUSIVE AND CARING
- ◦ PATIENCE
- ◦ PROBLEM SOVLING
- ◦ TEAM WORKING
- ◦ GOOD COMMUNICATION
- ◦ BILINGUAL (CHINESE & ENGLISH)

Accomplishment
- ◦ Completed proper working progress reports.
- ◦ Completed the basic part of the application, includes setting up the structure for front-end and back-end.

VOLUNTEER EXPERIENCES

- • LIGHT THE NIGHT WALK IN LEUKEMIA AND LYMPHOMA SOCIETY OF CANADA (10.2015)
- • VOLUNTEER FOR PROMOTING VEGETARIAN DIET IN STAIN GEORGE'S YOUTHNET OF A DAY (07.2015)
- • VOLUNTEER FOR CARING YOUNG CHILDREN IN STAIN GEORGE YOUTHNET FOR 2 MONTHS (04.2016-06.2016)
- • FEED NOVA SCOTIA (11.12.2018, 19.03.2019)

AWARDS, CERTIFICATE

IBEC Data Visualization Competition
November 2019
Finished in one of the top 6 finalists. Assessed and analyzed a dataset to tell a story and develop an infographic about Ocean Acidification in context to the UN goals. Presented in front of two different panels of judges to communicate our team's story and recommendation to the issue.

Award of Course Completion on Oracle Academy
12/13/2019
Finished Java Foundations Course on Oracle Academy.

Developer Certification from freeCodeCamp.org
Responsive Web Design
05/21/2020
Data Visualization
05/24/2020
JavaScript Algorithms and Data Structures
07/28/2020
Front End Libraries
09/08/2020