




—○ YI-HSIEN HSIN ○—

IT PROFESSIONAL

CONTACT

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 YI-HSIEN (Michaelson) HSIN

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 <https://michaelsonh-itda.github.io/MichaelsonHsin-Portfolio/>

PROFILE

A highly dedicated individual studying at Dalhousie University, Canada currently. Taking Online school in Taiwan because of COVID-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 CLOUD
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.

- GIT
- AGILE, SCRUM, TEST-DRIVEN DEVELOPMENT(TDD)
- AZURE BOARD, GITLAB DASHBOARD, TRELLO
- PAIR PROGRAMMING

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