

# HOWARD LUAN

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## EDUCATION

### **Bachelor of Computer Science, Co-op**

September 2018 - Present

Minor in Innovation and Entrepreneur | Certificate in Communication Technologies and Cyber Security  
Dalhousie University, Halifax, Nova Scotia

- Bachelor of Computer Science Scholarship 2018
- General Entrance Scholarship 2018
- Study/Work International Fund (SWIF) 2019
- Renewal of General Entrance Scholarship 2020
- 2019/2020 Winter Dean's List

### **Dalhousie Exchange Program**

September 2019 – January 2020

University of Leeds, Leeds, United Kingdom

## SKILLS

### Technical:

- Knowledgeable of Amazon Web Services (AWS) cloud development, Docker containerization deployments, obtained from “Cloud Computing” courses.
- Knowledgeable of Java and Python, object-oriented programming, Git and MySQL, obtained from “Data Structure and Algorithms”, “Introduction to Database Systems”, “Software Development” courses.
- Strong working knowledge of web development, including HTML, CSS, JavaScript, PHP, shown through personal projects and “Server-side Scripting” course.

### Non-technical:

- Foreign languages proficiency, ability to verbally communicate fluently in Cantonese, Vietnamese, and intermediate in Chinese.
- Experience in working and troubleshooting Microsoft Office, including Word, PowerPoint, Excel developed during in-class presentations, statistic, reports, and volunteer activities.
- Ability to manage personal resilient effectively, acquired from resilience management course.
- Organizational and communication skills obtained from co-curricular activities and communication skill course.
- Capacity to work in a team, lead a group of members, and responsibility, obtained from group work setting in class.

## EXPERIENCE

### Code Ninjas Halifax:

January 2021 – Present

#### **Program Facilitator**

- Explained code concepts and algorithms to kids of various ages, from six to fourteen.
- Led half day and full day camps about Among Us theme, explained and helped participants with code programming using Scratch.
- Created a Unity game used for promotions purpose and entertainment for kids, based on pre-developed characters and functions.

**Dalhousie University:**

September 2021 – December 2021

**myDal User Experience Coordinator**

- Created user documentation for staff to perform usability testing.
- Planned, developed, captured, and reported on user experience sessions for myDal and the internal website system.
- Review and report on test session data and provide recommendation to improve the system.

**Everybyte Digital Products Co-op:**

June 2020 – August 2020

**User-requirement analyst**

- Participated in a team with four other members to create a prototype for a system that hires and manages Teaching Assistant at Dalhousie University.
- Prepared and interviewed with CBC, SimplyCast, Dalhousie Faculty of Computer Science to understand user requirements and provide a solution.
- Meetings every two days to discuss the project through Microsoft Teams while studying two courses remotely.
- Received the most vote for the best idea from fellow members in the company.

**ACADEMIC PROJECTS****Project FishShip:**

2021

**Dalhousie Technology Innovation class project**

- Leader of the team of four students in the project, discussed and assigned tasks using Agile Scrum development method via Asana.
- Organized meetings with team members using Microsoft Teams to follow-up the progress of the project and discuss changes in the project.

**Picturegram:**

September 2020 - December 2020

**Dalhousie Server-side scripting class project**

- Created the front-end of the website using HTML and Bootstrap.
- Created a database using phpMyAdmin and MySQL.
- Integrated the database to extract data and display data dynamically based on the database using PHP and MySQL commands.

**Personal Webpage:**

February 2019 – April 2019

**Dalhousie Web Programming and Development class project**

- Developed a personal webpage act as an online version of the resume using HTML, CSS, and JavaScript.
- Designed the interface of the webpage and coded from scratch using CRAP Principles.
- Drafted a report about how to implement the webpage, factors that contribute to the ideas of the webpage.