

Tong Yin Han

Systems Design Engineering

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WORK AND VOLUNTEER EXPERIENCES

IT Support Team Member

JAN 2021 – PRESENT

Department of National Defense, Ottawa, ON

- Provided support to senior technical specialists who build internal networks and links to external networks
- Worked with **hardware, software, network, database** and other aspects of Information Technology

Key Holder and Sales Associate

JUL 2019 – JAN 2020

Bentley Leathers, Toronto, ON

- Actively listened to customer requests to resolve conflicts
- Gained leadership skills by training employees
- Achieved **5% increase in sales** by collaborating with staff and cultivating customer loyalty

PROJECTS

Split-Peas

JAN 2021 – MAR 2021

- Created a mobile app to easily allow university students create, view and split grocery bills, keep track of items in the fridge
- Designed UI using **React Native** and **Figma**

Airline Manager

NOV 2019 – JAN 2020

- Effectively utilized recursion and OOP techniques in **Java** to create a program to track airline information and simulate the management of an airline worldwide
- Applied team management and QA techniques including manual testing of edge cases

Daily UI Challenges

SEP 2020 – PRESENT

- Designed features and processes by completing daily UI prompts using **Figma**

EXTRACURRICULARS

Event Coordinator

SEP 2020 – PRESENT

Women in STEM

- Organized and planned events such as Step into STEM and a mentorship program (**30+ mentees**) which advocated for women in STEM for high school and first year students
- Rebranded UWWiSTEM's logo using **Photoshop** to better embody the mission of the club

Co-Founder & President

SEP 2019 – JUN 2020

Engineers Without Borders (EWB)

- Communicated with EWB Canada and teachers to implement new ideas such as building bridges using recyclables, to build problem-solving skills in young high school students
- Facilitated meetings with executives and delegated tasks to ensure streamlined events

TOOL BOX

Languages:

Python
HTML
CSS
Javascript
React Native

Tools:

Microsoft Office
Visual Studio Code
Figma
Adobe Photoshop
Premiere Pro

EDUCATION

University of Waterloo – BASc. in Systems Design Engineering

SEP 2020 – MAY 2025

Relevant Courses: Digital Computation (C++), Introduction to Design, Data Structures and Algorithms, Human Factors in Design

Lynda.com

SEP 2020 – PRESENT

Self-learning Prototyping and UI/UX design techniques through online courses

AWARDS

A. Y. Jackson Science Fair

Gold Medal for creating recombinant protein that focused on treating glucose homeostasis in leukemia patients

INTERESTS

Swimming, Singing,
Playing Badminton,
Learning Korean,
Mentoring young students