

# Howard Lung Hao Tung

[GitHub](#) | Email: [howardongdev0807@gmail.com](mailto:howardongdev0807@gmail.com) | Portfolio: [justhoward0807.github.io/](http://justhoward0807.github.io/) | Phone: (385)-439-6222 | [LinkedIn](#)

## EDUCATION

### MS. Software Development

University of Utah | School of Computing

Aug 2022 – May 2024

GPA: 4.0 / 4.0

### BS. Information Communications

Chinese Culture University | College of Journalism and Mass Communications

Sep 2018 – June 2021

GPA: 3.75 / 4.0

## WORK EXPERIENCE

### Web Developer & User Experience Assistant | J. Willard Marriott Library

June 2023 – Present

- Proficiently resolve website-related issues reported by library employees using **Jira** project management software. This includes adding elements and editing pages, utilizing **WordPress** and **Omni CMS**.
- Implement custom **PHP** functions to enhance website functionality, resulting in improved user interactions and efficiency.
- Conducted thorough quality checks on all library website pages, ensuring they met design standards and were free from style issues, typos, and other errors.

## PROJECT

### UBetterSurplus – Capstone Project | Web Application

October 2023 – Present

- Developed a dynamic and efficient Web Application using **React**, **JavaScript**, **C#**, **Entity Framework Core** and **ASP.NET Core**, integrating a responsive and visually appealing user interface through **Figma** and **Fluent UI Design** principles.
- Established secure user authentication features with **JWT** (JSON Web Tokens) and **BCrypt**.
- Devised a data extraction mechanism to retrieve real-time inventory information from the University of Utah surplus store's frequently updated PDF file, eliminating the need for manual searches. Extracted data is stored in **MySQL**.
- Utilized **DBML** and **Entity Relationship** (ER) diagrams to design and optimize the database structure, ensuring data integrity and efficient retrieval.

### MovieAddict – Side Project | Mobile Cross-Platform Application

June 2021 – December 2021

- Developed an innovative user interface movie application showcasing movie theater locations and movie playtimes and storing bookmarked info in **Hive**, a local database within Flutter framework.
- Utilized **Figma** to construct prototype, wireframe, and create the workflow.
- Programmed the language with **Dart** using **JSON** as the output file of Movie-Web-Scraping and **Flutter** framework as the primary source.

### Movie-Web-Scraping – Side Project | Output File

May 2021 – October 2021

- Captured data from the Taiwan Yahoo Movie website using **Beautiful Soup** in **Python** and transformed it into **JSON** format for the movie app.
- Around 150 movies were captured at the initial start, and the capability is subject to change based on how many movies are on the website at the given time.

### Graduation Points (GP) – Capstone Project | Mobile Cross-Platform Application

October 2020 – May 2021

- Collaborated with 4 student researchers as the lead programmer and developed an application that helps students to find information regarding the graduation requirement (PCCU-Passport) efficiently.
- Utilized **Flutter** and **SQLite** as the local database; used **ChromeDriver** and **Beautiful Soup** in **Python** to capture .xlsx from the school website to convert to a clean .csv format and uploaded to **Firebase**.
- Designed the history function that allows users to record past activities and store photos, and the add-to-favorites function enables users to save preferred activities.

## SKILLS & TECHNICAL TOOLS

Java | JavaScript | C# | Firebase | Flutter | React | MySQL | C++ | Python | Kotlin | Dart | SQLite | HTML | CSS | Git | JSON | Figma | Jupyter Notebook | Adobe Premier Pro | Adobe After Effects CC