

Yun Ji How

Aspiring Software Developer / Computer Science Graduate

Portfolio	https://next-portfolio-zeta-hazel.vercel.app/
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EDUCATION

University of Manitoba

Winnipeg, MB, Canada

Bachelor of Science - Major, Computer Science

September 2018 - June 2023

Relevant Coursework Software Engineering, Databases Implementation, Operating Systems, Data Mining, Object Orientation, Data Structures and Algorithms, Technical Communication, Professional Practice in CS, Real-Time Systems, Computer Graphics.

SKILLS

Programming Languages	Javascript/Typescript, Java, C, C++, C#, Python
Libraries / Frameworks	React, React Native, Next.js, Expo Router, Node.js, Express, TailwindCSS, MUI
Databases / DBMS	SQL, MySQL, NoSQL, MongoDB, Microsoft SSMS
Searching & Sort Algorithms	Binary Search, DFS, BFS, Merge Sort, Quick Sort, Heap Sort, A*
Data Structure	Linked List, Binary Tree, BST, Stack, Queue, Graphs, Hash Table
Testing Methodologies	Unit Testing, Integration Testing, System Testing, White Box/Black Box Testing
Development Methodologies	SDLC, Agile, Scrum, OOP, SOLID, MVC, TDD/BDD, CI/CD
Command-Line Interfaces (CLI)	Git Bash, PowerShell, Unix/Linux
Tools / IDE / Platforms	Git, GitLab, GitHub Actions, Docker, Kubernetes, VS/VS Code, Figma

PROJECTS

Football League Standings API Server | Node.js, Express, REST, MVC, [URL Link](#) | [GitHub Link](#)

- Developed a **Node.js** and **Express** backend for real-time football standings, integrating “*api.football-data.org*”.
- Implemented **CRUD** operations with error handling for reliable data management.
- Utilized **MongoDB** data storage solutions to handle football league standings data efficiently.

Sky Cast Weather App | MERN, REST, Google Place API

[Web Link](#) | [GitHub Link](#)

- Developed a **mobile-responsive** app with CSS media queries for an enhanced visual web experience.
- Integrated Google Place API for **location-based autocomplete**, enhancing user search experience.
- Utilized MongoDB for data storage and ensured seamless frontend-backend integration.

Little Lemon Restaurant App | MUI, Formik, Jest

[Web Link](#) | [GitHub Link](#)

- Transitioned from **wireframes** to high-fidelity prototypes and conducted user evaluations to refine the final design.
- Designed a **mobile-responsive** interface with Material UI for improved user experience.
- Incorporated Formik for efficient and reliable **client-side form validation** for table reservations.

Sentiment Analysis on Yelp Reviews | Data Mining, Jupyter Notebook, Python

[Report Link](#) | [GitHub Link](#)

- Analyzed and curated data, deriving insights about the most-reviewed cities.
- Utilized the **TF-IDF** approach to enhance sentiment analysis results.
- Applied **K-Means clustering**, recommending restaurants with similar profiles to users.

WIREFRAMES

Football App Prototype | Figma

[URL Link](#)

Little Lemon Restaurant App Prototype | Figma

[URL Link](#)

CERTIFICATIONS

Meta Front-End Developer Specialization

Meta

October 2023

Relevant Coursework Front-End Development, JavaScript, Version Control, React, UX/UI.

DevOps, Cloud, and Agile Foundations

IBM

October 2023

Relevant Coursework DevOps, Cloud Computing, Agile Development, Scrum.

Introduction to Containers w/ Docker, Kubernetes & OpenShift

IBM

October 2023

Relevant Coursework Docker, Kubernetes, OpenShift.

Application Development using Microservices and Serverless

IBM

November 2023

Relevant Coursework Microservices, REST API, Serverless.

Introduction to Test and Behavior Driven Development

IBM

November 2023

Relevant Coursework Test Driven Development, Behavior Driven Development, Behave, Mocking.

Introduction to Databases for Back-End Development

Meta

November 2022

Relevant Coursework SQL, CRUD, Sorting, Filtering, Database Design.

Hands-on Introduction to Linux Commands and Shell Scripting

IBM

December 2023

Relevant Coursework Linux, Shell Scripting.

Developing AI Applications with Python and Flask

IBM

November 2023

Relevant Coursework Python, PyTest, Flask.

Continuous Integration and Continuous Delivery (CI/CD)

IBM

In Progress

IBM DevOps and Software Engineering

IBM

In Progress

EXPERIENCE

Store Associate

Winnipeg, Manitoba, Canada

Dollarama

November 2023 - Present

Merchandising Product

Efficiently stock and organize shelves, maintaining an appealing store layout to optimize customer shopping experience.

Transaction Handling

Perform accurate transactions and manage the opening and closing of the cash register.

Customer Service

Assist customers, addressing inquiries and ensuring satisfaction.

Casino Dealer (Temporary Part-time)

Genting Highlands, Pahang, Malaysia

Genting Group

December 2017 - March 2018

Card Handling

Consistently dealt cards with speed and accuracy, enhancing the player experience and maintaining game flow.

Transaction Handling

Managed bet calculations and chip transactions, ensuring accurate payouts and collection.

Equipment Operation

Operated game-specific equipment, ensuring all games were conducted professionally and efficiently.