

Yun Ji How

Aspiring Software Developer / Computer Science Graduate

Portfolio	https://next-portfolio-zeta-hazel.vercel.app/
GitHub	https://github.com/yunji0387
LinkedIn	https://www.linkedin.com/in/yun-ji-how-64025220a/
Email	yunji0387@gmail.com
Address	820 Silverstone Avenue, Winnipeg MB R3T 2W6
Phone	(431) 588 5209

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, Next.js, 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

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 | UX/UI, Figma, 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.

CERTIFICATIONS

<u>Meta Front-End Developer Specialization</u>	Meta	October 2023
Relevant Coursework	Front-End Development, JavaScript, Version Control, React, UX/UI.	
<u>DevOps, Cloud, and Agile Foundations</u>	IBM	October 2023
Relevant Coursework	DevOps, Cloud Computing, Agile Development, Scrum.	
<u>Introduction to Containers w/ Docker, Kubernetes & OpenShift</u>	IBM	October 2023
Relevant Coursework	Docker, Kubernetes, OpenShift.	
<u>Application Development using Microservices and Serverless</u>	IBM	November 2023
Relevant Coursework	Microservices, REST API, Serverless.	
<u>Introduction to Test and Behavior Driven Development</u>	IBM	November 2023
Relevant Coursework	Test Driven Development, Behavior Driven Development, Behave, Mocking.	
<u>Introduction to Databases for Back-End Development</u>	Meta	November 2022
Relevant Coursework	SQL, CRUD, Sorting, Filtering, Database Design.	
<u>Hands-on Introduction to Linux Commands and Shell Scripting</u>	IBM	December 2023
Relevant Coursework	Linux, Shell Scripting.	
<u>Developing AI Applications with Python and Flask</u>	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	
<u>Dollarama</u>	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	
<u>Genting Group</u>	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.	