

# Yung-Ting, Hsu (Connie)

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## OBJECTIVE

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To obtain a position in your esteemed company, leveraging my background in Computer Programming & Analysis and Business Administration to deliver innovative solutions, perform detailed feature analysis, and enhance system design. Eager to contribute my problem-solving skills and collaborative project management experience to drive successful outcomes for your team.

## SUMMARY OF QUALIFICATIONS

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- Skilled in prioritizing tasks effectively and adept at identifying and resolving challenges to enhance efficiency, consistently excelling in **problem-solving** and **multi-tasking** under time constraints.
- Passionate about engaging in discussions with others by sharing best practices, posing thoughtful questions further to acquire new technical knowledge, and swiftly applying it in projects.
- Capable of **interpersonal communication** between technical and non-technical individuals, having a sense in business model, converting business requirements into relevant documents (i.e. user story, use case table and so on) or diagrams that leads to achieve stakeholders' expectations.

## EDUCATION

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### *Advanced Diploma of Computer Programming and Analysis*

Seneca Polytechnic

May 2023 - Dec 2025

Toronto, Ontario

*Cumulative GPA: 4.0/4.0*

- Seneca President's Honor List (Summer 2023; Fall 2023)
- Course Work: Data Structures & Algorithms (Python), System Analysis and Design, Advanced Database Services (Oracle, MongoDB), IT Project Management Fundamentals Tools and Techniques

### *Bachelor of Business, Major in Business Administration*

Soochow University

Sep 2016 - June 2020

Taipei, Taiwan

- Course Work: Information Management, Database Management, Mobile App Development

## TECHNICAL SKILLS

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**Languages:** C/C++, JavaScript/TypeScript, Python, Shell Script, SQL, PL/SQL, HTML/CSS

**Frameworks & Libraries:** React, Node.js, Express.js, Bootstrap, jQuery

**Data & Tools:** Linux/Unix, Git, MongoDB, PostgreSQL, Oracle, XML, JSON, Docker

**Project/Program Management:** JIRA, Kanban, Atlassian, MS Office, SDLC, STLC, Agile

**Skills:** Software Testing, Object-oriented Design, Use case documents

## PROJECTS

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### **Weather Fetch Web Application:** *React, Next.js, OpenWeatherMap API, React-Bootstrap*

**June 2024**

- Developed a responsive weather application using **React** and **Next.js**, integrating real-time data from **OpenWeatherMap API** and employing global state management to **optimize API calls**.
- Leveraged Next.js **file-based dynamic routing** to create a seamless experience for fetching and displaying weather data for multiple cities, enabled efficient server-side rendering and dynamic generation of city-specific weather pages, improving both performance and **scalability** of the application.
- Configured multi-language support and designed a responsive navigation bar with search functionality and a recently viewed dropdown for improved user accessibility and user experience.

**Lego Collection Web Application:** *Node.js, Express.js, PostgreSQL, HTML, CSS* **Feb 2024 - Apr 2024**

- Implemented **CRUD** operations alongside with a responsive user interface in forms and detailed views to allow users to seamlessly manage LEGO sets, fostering interactive engagement and ensuring data integrity.
- Developed a responsive full-stack web application using **EJS** and Tailwind CSS, leveraging Express.js for routing, middleware, and **HTTP handling** to ensure an intuitive interface across various devices.
- Managed JSON data and implemented **PostgreSQL** with **Sequelize ORM**, facilitating efficient database operations and smooth data management for enhanced application performance.

**Assembly Line Simulator:** *C++* **Jan 2024 - Mar 2024**

- Constructed for simulating an assembly line in a manufacturing environment and demonstrates strong **C++** proficiency by modeling sequential processing of customer orders through multiple workstations.
- Implemented optimization **algorithm** to streamline order processing and station workflows, scheduling tasks to minimize downtime by managing availability and dependencies effectively.
- Demonstrated robust exception handling and resource management, including **memory management** with move semantics, and handling file I/O errors.

**Truck Delivery routing system (Co-project):** *C* **Nov 2023 - Dec 2023**

- Embodied proficient interpersonal communication within teamwork, managed tasks and tracked progress effectively using **Jira**, ensuring organized project management and transparency
- Enhanced application efficiency by documenting feature specifications, implementing functions and **unit tests**, followed by rigorous **integration and acceptance testing** to optimize performance.
- Utilized **log file analysis** to enhance system reliability and performance through systematic issue tracking, testing, and optimization methodologies.
- Applied **Agile** methodologies, including scrum report to report and track application failures to resolution in collaboration.

## **WORK & LEADERSHIP EXPERIENCE**

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**Din Ling Corp., Taipei, Taiwan** **Jun 2020 – Jul 2022**

*International Business Specialist & Supply Chain Management Specialist*

- Analyzed fastener manufacturing diagrams, refined cost calculations, and developed profit-driven quotations, resulting in a **15%** reduction in group costs through improved procure procedure.
- Visualized production data identified reasons for production delays, thereby provided insights and developed operational strategies to the production department, leading to an **8%** increase in customer delivery satisfaction over the course of a year.
- Applied **creative-thinking** ability in the **ERP Implementation Project**, excelling in business requirement coordination and facilitating seamless communication with software vendors.

**Soochow University, Taipei, Taiwan** **April 2019 & Jul – June 2020**

*Research Assistant, Hybrid*

- Utilized **SAS** for **statistical analysis** of financial data and provided findings
- Assist the professor in reimbursing expenses for an international conference
- Skilled in gathering and organizing financial market news and emerging trend information

**Cong Ty TNHH United Mechanical, Ho Chi Minh, Vietnam** **Aug 2018 & Jul – Aug 2019**

*Internship in Supply Chain Development*

- Organized and analyzed production data to provide perspectives and contribute to supply chain design.
- Facilitated **cross-departmental data review** during third-party audits with international clients.
- Promoted to full-time position due to outstanding performance and significant organizational impact.