

SHU-HAN HAN

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EDUCATION

[Computer Programming Diploma](#), Algonquin College | Ottawa, ON

Sep 2022 – Dec 2023

- Dean's Honours List - GPA 3.99

TRAINING & CERTIFICATIONS

Full-Stack Development, [iSpan International Inc.](#) | Taipei, Taiwan

Nov 2021 - Mar 2022

- Developed a shopping website project with CRUD functionalities by using Spring Framework, MS SQL Server, JSP, jQuery, JS, CSS, and HTML

SKILLS & COMPETENCIES

Main Programming Language: Java SE, Jakarta EE, Python, Bash/Shell Script, C

Operating System: Linux (Ubuntu), Windows, MacOS

RDBMS: Oracle, MySQL, MS SQL Server, PostgreSQL

NoSQL: MongoDB, Neo4j

Java Framework: Spring Boot, Spring Data JPA

Virtual Machine: JVM, VMware, Parallels

Version Control: Git, GitHub

Project Management: Maven, Gradle

Testing Tool: Java JUnit 5, Python unittest, Postman API

IDE: IntelliJ IDEA, VS Code, Eclipse, NetBeans, PhpStorm

Software Development Methodology: SDLC, Agile, Scrum

App Development: Android

Network Knowledge: Internet Protocol (Ethernet, IP, TCP/UDP, HTTP), Routing, Switching

Frontend Language: Thymeleaf, JSF, JSTL, JSP, React.js, jQuery, JavaScript, CSS, HTML, Ajax

Web Development Knowledge: RESTful API, MVC, MVVM, JSON, XML

Machine Learning Tool: Weka, RapidMiner

WORK EXPERIENCE

Java Developer Intern, [System One Co. Ltd](#) | Taipei, Taiwan

May 2022 - Jul 2022

- Built a banking system's teller UI with a custom programming language
- Developed the customer-required RESTful APIs with Spring Boot and Spring Data JPA
- Wrote Java JUnit 5 test cases and tested the programs with Postman API
- Wrote software documentation and created confluence pages
- Joined domain discussion to determine microservices for a bank inward remittance system
- Set up project environment and deployed CI/CD with Docker and Jenkins together with senior engineers

PROJECTS

[Static Shopping Website](#)

- Built a static shopping website hosted on GitHub.
- Built the homepage carousel and featured products with JavaScript.
- Built the shopping cart item quantity editing functionality.
- Built the saving user profile into local storage for the next log-in.
- The website has user account registration, log-in, profile, product categories and searching, and shopping cart.

[Personal Website](#)

- My personal website hosted on GitHub.

Android App Final Project

- Built an Android App which allows the user to send customized API requests for trivia questions.
- The App can store the user's unfinished questions for later on, grade the user's answers and highlight the correct answer if the chosen answer was wrong, and store all the historical grades.

Sports Equipment Shopping Website Final Project

- Built a B2C shopping website which allows the owner to manage products (name, photos, price, detail info, available quantity, and on/off shelves), register and manage owner's employee accounts.
- Built product categories where customers can search and sort the products by multiple variables, e.g., product name, price, category, etc.
- Built customer shopping cart.
- Connected to a third-party API for user checkout
- Implemented product promotion activity for a special discount and period

SWIFT Message MT304 Parser

- Wrote a SWIFT MT304 message parser which can parse multiple incoming MT304 messages and provide the user message's field-value look-up library.

Number to English Currency Word Converter

- Built a currency converter which can translate number values into English.

VOLUNTEER EXPERIENCE

Elders Quorum Second Counselor, The Church of Jesus Christ of Latter-day Saints | Ottawa, ON Aug 2023 - Present

- Coordinate with missionaries to support gospel work
- Conduct bi-weekly quorum meetings
- Coordinate with church organizations to plan and prepare church activities

Sunday School First Counselor, The Church of Jesus Christ of Latter-day Saints | Ottawa, ON Aug 2023 – Nov 2023

- Hosted the bi-weekly Sunday School lessons
- Coordinated with Sunday School teachers to prepare lessons

Sunday School Secretary, The Church of Jesus Christ of Latter-day Saints | Ottawa, ON Dec 2022 – Aug 2023

- Set up the Sunday School class environment