SHU-HAN HAN

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EDUCATION

Computer Programming Diploma, Algonquin College | Ottawa, ON　　　　　　　Sep 2022 – Jan 2024
- Dean's Honours List – 3.97/4 GPA

CERTIFICATES

- Oracle Certified Associate, Java SE 8 Programmer　　　　　　　　　　　　　　Jan 2024
- PCAP – Certified Associate Python Programmer　　　　　　　　　　　　　　Feb 2024

TRAINING

Full-Stack Development, iSpan International Inc. | Taipei, Taiwan　　　　Nov 2021 - Mar 2022
- Developed a B2C shopping website project of product management (CRUD), admin and client account management, user shopping cart, product category, product filtering and searching, and third-party payment

WORK EXPERIENCE

Java Programmer, System One Co. Ltd | Taipei, Taiwan　　　　　　　　　May 2022 - Jul 2022
- Built a banking system's teller UI with a custom programming language
- Joined domain discussion to determine microservices for a bank inward remittance system
- 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
- Set up project environment and deployed CI/CD with Docker and Jenkins together with senior engineers

SKILLS

Java
Java SE, Jakarta EE (JDBC, Servlet, JSP, JSTL, JSF), Hibernate, Spring Boot, Spring Data JPA

Scripting Language
Python, Bash/Shell Script, PHP (Laravel)

OS
Linux (Ubuntu), Windows, MacOS

RDBMS
Oracle, MySQL, MS SQL Server, PostgreSQL

NoSQL
MongoDB, Neo4j

Frontend Language
HTML, CSS, JavaScript, jQuery, React.js, Angular

Project & Version Control
Maven, Gradle, Git, GitHub

IDE
JetBrains IDEs, VS Code, Eclipse, NetBeans

Methodology
SDLC, Agile, Scrum, Kanban

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

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

VM
JVM, VMware, Parallels

BI & Data Analysis
CRISP-DM, Weka, RapidMiner

App
Android

PROJECT

My Website
- My website, hosted on GitHub Page

A Shopping Website
- Used PHP Laravel, MySQL, Git/GitHub to build a group school project
- The homepage has a carousel and featured products
- Product categories with pagination, product card, and product search engine
- User session and encrypted user credentials
- Add product to cart and cart items quantity editing using Ajax
- User account registration and login with validation, user profile management including photo upload
- History purchase order

Static Shopping Website
- A static shopping website with similar functionalities as the above project
- Used the client's cookies to store credentials and data
- Product data stored in JSON type
- Used JavaScript and jQuery to implement dynamic interaction with the user

Android Apps
- A group project using Git/GitHub
- My part was allowing the user to choose his desired question's features and send it to an API
- The user can answer the questions or save them for later on
- The app can grade the user's answers, highlight the correct answers, and store the user's history results

SWIFT Message MT304 Parser
- A SWIFT MT304 message parser package which provides libraries to parse multiple incoming MT304 messages and store them into a map data structure for later look-up

Number to English Currency Word Converter
- A currency converter which can translate numbers to English words

VOLUNTEER EXPERIENCE

Elders Quorum Second Counselor, **The Church of Jesus Christ of Latter-day Saints | Ottawa, ON**   Nov 2023 - Present
- Coordinate with church organizations to plan and prepare church activities
- Coordinate with missionaries to support gospel work
- Interview members to pay attention to their life situation and provide appropriate assistance
- Conduct bi-weekly quorum meetings

Sunday School First Counselor, **The Church of Jesus Christ of Latter-day Saints | Ottawa, ON**   Aug 2023 – Nov 2023
- Coordinated with Sunday School teachers to prepare lessons
- Hosted the bi-weekly Sunday School 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