SHU-HAN HAN

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EDUCATION

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

CERTIFICATE

- Oracle Certified Associate, Java SE 8 Programmer   Jan 2024

TRAINING

Full-Stack Development, iSpan International Inc. | Taipei, Taiwan   Mar 2021 - Jul 2021
- 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 2021 - 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

Project & Version Control
Maven, Gradle, Git, GitHub

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

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

Personal Website
- My personal website hosted on GitHub Page

Static Shopping Website
- Built a static shopping website hosted on GitHub Page
- The website has user account registration, log-in, profile, product categories and searching, and shopping cart
- 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

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, 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   Nov 2023 - Present
- Interview members to see if they are in need and provide assistance
- Coordinate with missionaries to support gospel work
- Coordinate with church organizations to plan and prepare church activities
- Conduct bi-weekly quorum meetings

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