



Louis Chen

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PROFESSIONAL PROFILE

Knowledgeable IT professional with problem-solving and team-oriented skills. Educated in professional coding standards through school hands-on learning. Highly proficient in multiple programming languages and operating systems.

SKILLS

Languages

- Python
- SQL
- JavaScript
- R
- Bash

Web/Mobile Frameworks

- NodeJS
- AngularJS
- React
- React Native

Database

- MySQL
- MongoDB
- SQLite
- Firebase
- PostgreSQL

DevOps

- Jenkins
- Docker
- Automation and Scripting (Bash, YAML, Packer, Vagrant, Ansible), VMWare, VirtualBox
- Git (GitHub, GitLab, Bitbucket)

Tools and Knowledge

- Project Management: JIRA, Confluence, Trello, Slack, Agile Methodology
- Operating Systems: macOS, Linux, Windows
- Cloud Platforms: Amazon AWS, Microsoft Azure
- Software development processes: Restful API, Usability Testing, Database Design, TDD, OOP, SDLC, Data Analysis, Machine Learning, Microservices

Soft Skills:

- Problem Solving
- Teamwork
- Organization
- Communication

PROJECTS

Product Price Tracker | Academic Project | Python Course

03/2019 – 04/2019

- Built a python-based web crawler tool used to track a real-time live feed of product discount from Newegg and Amazon

- Technologies: Python, Beautiful Soup, GitHub

Stock Exchange Application | Academic Project | Agile Development Course**04/2019 – 05/2019**

- Cooperated with five team members to develop a stock market simulator by using Agile method
- Designed UX/UX of the website in accordance with industry trends
- Technologies: HTML, CSS, JavaScript, Bootstrap, NodeJS, MongoDB, GitHub

Character Management System | Academic Project | Python Course**09/2019 – 12/2019**

- Developed a python GUI application that allowed users to query, add, update, and delete characters from the server
- Technologies: Python, Flask, Tkinter, SQLite, Postman, GitHub

Food Ordering Application | Academic Project | Mobile Application**01/2020 – 04/2020**

- Created a food ordering app where customers can place an order on their mobile devices
- Technologies: React Native, GitHub

Order Status and Tracking App | Academic Project | Web Application**09/2020 – 12/2020**

- Implemented a microservice application that allowed users to track the real time order status including payments and restaurant details
- Technologies: Python, Connexion, MySQL, Docker, React, Postman, JMeter, Microsoft Azure, GitHub, Microservices

EXPERIENCE

Backend Developer

British Columbia Institute of Technology – Vancouver, Canada | 09/2020 – 12/2020

- Developed a management dashboard that allowed faculty members/instructors to monitor and manage ISSP projects
- Collaborated closely with other team members to implement solutions that are aligned with industry standards and client expectations
- Researched and conceptualized a paper-and-pen based system to a web platform
- Worked directly with the clients to implement features and understand use cases

Administrative Assistant

Long-Term Care Resource Management - Kaohsiung, Taiwan | 06/2017 - 07/2018

- Coordinated troubleshooting, maintenance and updates for both computer hardware and software
- Handled an average of 20 incoming phone calls per day, addressing inquiries and resolving concerns
- Managed complaints and recommended appropriate solutions or alternatives, reducing the number of client callbacks by 20%
- Compiled reports on overall client's satisfaction and comments to drastically reduce potential problems

Trade Assistant

EVFIRM Leather Co., Ltd - Kaohsiung, Taiwan | 01/2014 – 09/2014

- Ensured high standards for quality control and product inspection, increasing customer satisfaction by 40%
- Coordinated domestic and international travel, hotel and transportation needs for staff
- Configured employee workstations, including all hardware, software and peripheral devices
- Reviewed current hardware and software and recommended modifications to increase system speed

Volunteer Club Coordinator

Badminton Club - Vancouver, Canada | 10/2017 - 10/2018

- Constructed a positive, collaborative team environment
- Recruited new members and organized team bonding events
- Managed budget allocation
- Organized schedules and bookings

EDUCATION

Computer Information Technology Diploma: Computing & Information Technology

12/2020

British Columbia Institute of Technology

- Graduated with distinction with 89% GPA
- Completed coursework in web development, data analysis, and programming
- Ensured code meets the professional standard and requirement by implementing unit testing methods
- Gained practical skills and experiences by working and learning with industry clients and professionals

Bachelor of Arts: Psychology

05/2017

The University of British Columbia

- Developed advanced writing, research, and presentation skills through experiments and reports
- Enhanced and expanded knowledge of human science, social interaction and data analysis
- Completed coursework in economics, international finance, and statistics