





Louis Chen

Full-Stack Developer

From "Hello, World!" diving into the world of coding, I am passionate about learning new technologies, accepting challenges, and dedicating to invent a new application.

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. I am eager to develop and improve applications that automate tasks and improve the quality of life for the users.

 github.com/LouisChen1013

 chenhonglin1013@gmail.com

 louischen1013.github.io/portfolio/

Skills

Languages

Python
JavaScript
SQL
R
Bash

Frameworks

Node.js
React (Native)
Django
Flask

Databases

MySQL
MongoDB
SQLite
PostgreSQL
Firebase

DevOps

Jenkins
Containers: Docker, VMware, VirtualBox
Automation & Scripting: YAML, Packer, Vagrant, Ansible
Git: GitHub, GitLab, Bitbucket

Soft Skills

Problem Solving
Teamwork
Organization
Communication

Tools and Knowledge

Project Management: Trello, Agile Methodology
Operating Systems: macOS, Linux, Windows
Cloud Platforms: Amazon AWS, Microsoft Azure
Software Development Processes: Restful API, Usability Testing, Database Design, TDD, OOP,
Data Analysis, Machine Learning, Microservices

Selected Working Experience

Full Stack Developer • BCIT School of Computing and Academic Studies

Sept 2020 - Dec 2020



- Developed a management dashboard (CMS) that allowed faculty members/instructors to monitor and manage ISSP projects
- Collaborated closely with other team members to analyze feature requirements, strategize implementation solutions, and deliver a written program based on clients' specifications
- Researched and transformed clients' ideas and vision into a fully functional MVP
- Applied Agile development to gather user feedback and respond constructively
- Significantly reduced workload and working hours of staff

Education



British Columbia Institute of Technology

Dec 2020

Computer Information Technology Diploma: Computing and Information Technology

- Graduated with distinction - 87% GPA
- Completed coursework in web development, data analysis, and system administration
- Ensured code meets the professional standards and requirements by implementing unit testing methods
- Gained practical skills and experience by working and learning with industry clients and professionals



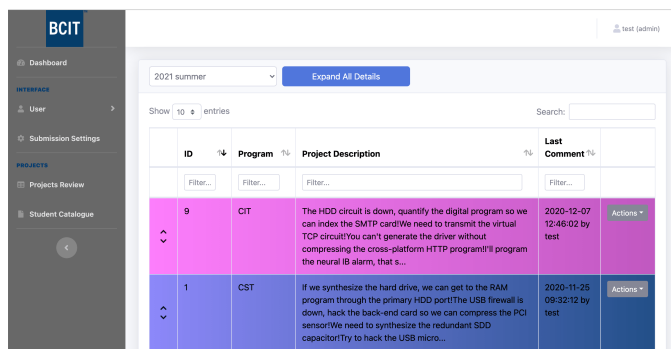
The University of British Columbia

May 2017

Bachelor of Arts: Psychology

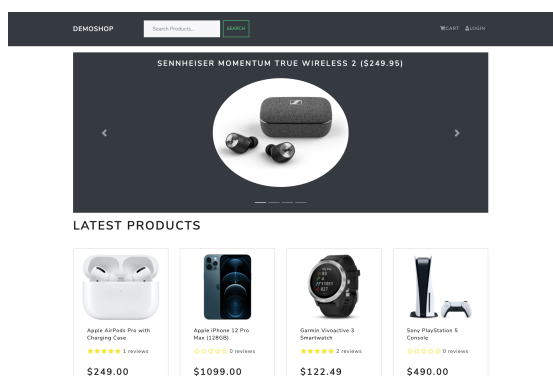
- Developed advanced writing, research, and presentation skills through experiments and reports
- Enhanced and expanded knowledge of human science, social interaction and data analysis
- Completed coursework in economics, international finance, and statistics

Projects



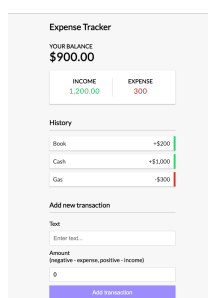
BCIT Project Management Dashboard

- Developed a management dashboard that allows faculty members/instructors to review projects submitted, hold discussions about each project, assign projects to different programs, and generate documents(Student Catalogue) required.
- Technologies: Node.js, Express.js, EJS, MySQL(MariaDB), Bootstrap, Datatables, GitHub



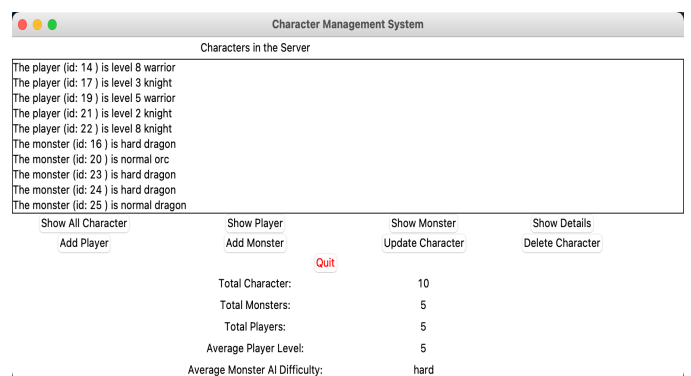
Demoshop eCommerce Website

- Constructed a fully functional eCommerce website with a simple and easy-to-use interface for users to enjoy shopping online.
- Technologies: React, Django, Heroku, SQLite, PostgreSQL, AWS, GitHub



Expense Tracker

- Created a web interface for users to manage their daily transactions. Users can add and delete their transactions and further review their spending history from previous periods.
- Technologies: React, Node.js, Express.js, MongoDB, GitHub



Character Management System

- 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