





## 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](https://github.com/LouisChen1013)

 [chenhonglin1013@gmail.com](mailto:chenhonglin1013@gmail.com)

 [louischen1013.github.io/portfolio/](https://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 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
- Applied Agile development to gather user feedback and respond constructively

## 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



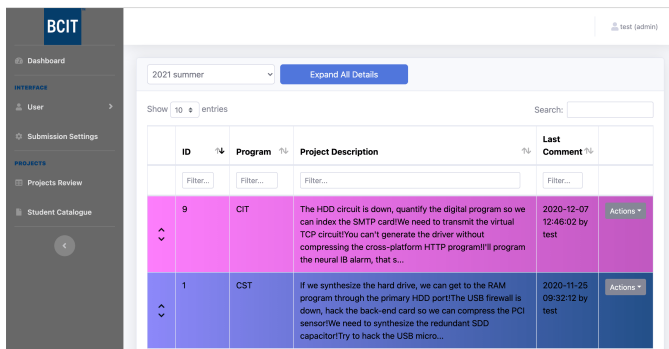
The University of British Columbia

May 2017

## Bachelor of Arts: Psychology

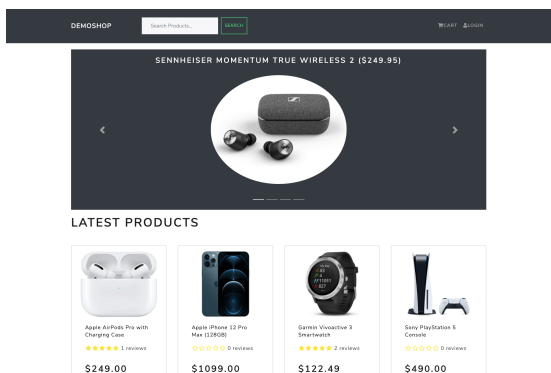
- Developed advanced writing, research, and presentation skills through experiments and reports
- Enhanced and expanded knowledge of human science, social interaction and data analysis
- Completed coursework in economics, international finance, and statistics

## Projects



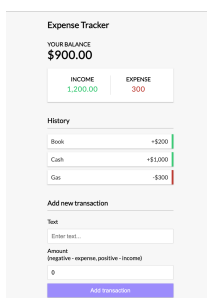
### BCIT Project Management Dashboard

- 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



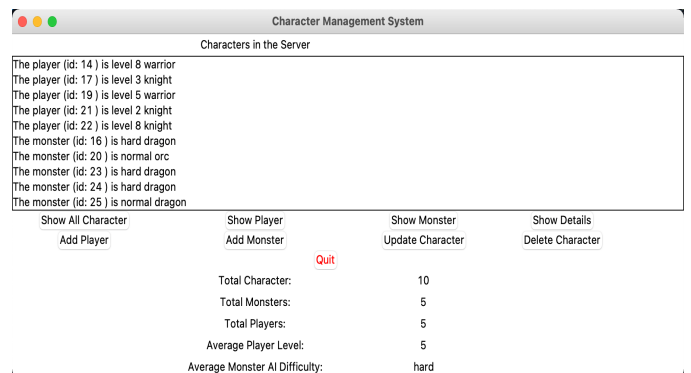
### Demoshop eCommerce Website

- 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