Hoang Long Le . Jarvis Consulting

Since I was young, I have always been fascinated in learning about how things work and interact with each others. I love science (physics,chemistry, biology, math, etc) in general. But like many other people, I also love playing video games, so I was very interested in Coding. I decided move halfway across the world, from Vietnam to Canada, to pursue a DEC (Diplôme d'études collégiales - Diploma of College Studies) in Computer Science Technology at Vanier College in Montreal, Quecbec. I'm passionate in learning new technology, and solving logical problems. Nothing can describe the satisfaction when you are stuck on a problem for hours, and suddenly, you understand the solution and are able to solve it. Maybe this is the reason why I love Computer Science. Currently, I'm also interested in learning about Machine Learning, Cloud Computing/Platform, and AI. I would love to learn more about them if I have the chance to.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, HTML, CSS, Javascript, Oracle

Competent: PHP, C#, Python, Docker, Maven

Familiar: Python, SpringBoot, Google Cloud, React, Spark

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_LongLe

Cluster Monitor [GitHub]: Developed 2 SQL queries to create tables in the database (if they haven't exist yet) and inserted some sample values to test them. Then I coded 3 bash scripts. Two bash scripts are able to capture system hardware specifications, and resource usage into the database. The other bash script is used to create a PostgreSQL database docker container.

Core Java Apps [GitHub]:

- Developed three core Java applications that help me acquire knowledge about new Frameworks and technologies
- Twitter App: Created an application that utilizes Twitter REST API to make HTTP requests. The app allows user to post a tweet with coordinate, show a tweet using its ID, or delete multiple tweets by inputting multiple tweet IDs.
- JDBC App: Developed an application as a training program to get used to JDBC. As a developer, understanding DAO (Data Access Object), DTO (Data Transfer Object), and Repository design, as well as some advanced JDBC concepts is a must
- Grep App: Designed an application that imitates the command 'grep' in Linux. The app searches for a text pattern recursively in a given directory, and outputs matched lines to a file

Springboot App [GitHub]: Developed an application that simulates a stock trading platforms. This app utilizes REST API to allow users to sell/buy a stock, and withdraw/deposit fund into the user's account. The users accounts information are stored in a PostgreSQL database.

Highlighted Projects

Web app for restaurant: Designed and coded an application with a classmate as a final project for an E-Commerce class in college. I was responsible for the front end, some back end feature, and database developer. The application stores all products, users information in a database using SQLite. The front end is created using HTML, CSS, Javascript and Bootstrap. The app can also make HTTP requests using XAMPP.

Crime Location App: Designed an application that display locations where crimes happened in the current week, current month, or current year in a radius of 200 meters, 1 km or the entire Montreal. I used the csv file that contains crime information on the Government of Quebec website, set up a script that automatically update that file everyday, and store the information in a list of objects. This application uses Google Map API to set up pointers based on the filters that the user chooses.

Professional Experiences

Software Developer, Jarvis (2020-present): Trained and learned technical skills that are required to become a software developer. Adapted to working in a new professional environment and collaborated with teams using Agile methodology. Developed several projects that required the ability to learn new technologies and frameworks in a short

amount of time. Worked as a team leader to ensure the progress and success of the team by fulfilling project requirements and deadline.

Education

Vanier College (2018-2021), Diplôme d'études collégiales - Diploma of College Studies, Computer Science Technology

Miscellaneous

- Professional Swimmer in 2008
- Volunteer, Vietnam - Ha Giang 2017: Helping poor people in mountainous area in Ha Giang, Vietnam