Andy Nguyen
(514) 465-7416
https://andynguyen.herokuapp.com
https://github.com/asianswagstorm
nguyen.andy123@gmail.com

SKILLS AND QUALIFICATIONS

Programming Languages: ●JavaScript ● JSX ● Java ● Python ● PHP ● C++ ● HTML5 ● CSS3

Data store: MySQL, SQLite. **Learning:** mongoDB, PostgreSQL.

Frameworks: ● Bootstrap ● ReactJS ● NodeJS ● ExpressJS ● Flask

Development tools: Git, Docker, Postman. Minimal exposure with Jenkins integration and Gradle.

Spoken Language: English, Français, Vietnamese

EDUCATION

Bachelors Computer Science Web Services and Applications   Fall 2014 – Winter 2019
Concordia University
Montréal Quebec

Data Structures and Algorithms, Operating Systems, Design Patterns, Web Services, Micro-Services, Software Architecture, Unit Testing, Software Engineering, Security.

PROJECTS

Web Wikipedia Event Retrieval Application - Python3, Flask, SQLite, HTML, CSS, Jinja template (Winter 2019)
Concordia University, Montreal, QC

- Data fetching application using Wikipedia API
- Use of REST Constraints and Micro-services
- User and server authentication with JWT.

*More information and live demo can be found on my website.

Web Enterprise Project Test Driven Design - Java, Servlets, JSP, Apache Tomcat9, MySQL (Fall 2018)
Concordia University, Montreal, QC

- TDD development (test first code after)
- Martin Fowler Enterprise architecture patterns, MVC pattern implementation
- SSL routing to remote database

Replica of Airbnb Homepage (Personal) – ReactJS (Summer 2018)

- Learned ES6 and JSX
- Used Facebook's create-react-app template to initiate project

Online Chat Room (School Project)- NodeJS, UDP sockets, Docker Container (Winter 2018)
Concordia University, Montreal, QC

- Socket programming, used connectionless UDP transport protocol to send messages.
- Used Docker Terminal to launch virtual containers.
- Private, Channel and General chat feature.