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 ● HTML5 ● CSS3 ● PHP ● C++

Data store: relational: MySQL, SQLite, non-relational: CouchDB/PouchDB.

Frameworks: ● Bootstrap ● React / Redux ● NodeJS ● Django ● Flask

Development tools: Git, Docker, Postman, Microsoft Azure DevOps.

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.

EXPERIENCE

Full-Stack Web Application Developer Intern   (July 2019 – December 2019 expected)
Metso Canada, Lachine, QC

- Implement a Progressive Web Application for internal use.
- Worked with Django and CouchDB for backend API requests.
- Used React and Redux state management in frontend.
- Wrote unit tests for the application.
- Worked in an agile environment.

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