

**Andy Nguyen**  
(514) 465-7416  
<https://andynguyen.herokuapp.com>  
 <https://github.com/asianswagstorm>  
[nguyen.andy123@gmail.com](mailto: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.

**Spoken Language:** English, Français, Vietnamese

## EDUCATION

Bachelors Computer Science Web Services and Applications  
Concordia University  
Montréal Quebec

Fall 2014 – Winter 2019

**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**  
Metso Canada, Lachine, QC

July 2019 – January 2020

- Developed an Offline first Progressive Web Application for internal use.
- Worked with Django and CouchDB for backend API requests.
- Used React and Redux state management in frontend.
- Worked in an agile environment, fulfilling weekly sprints.
- Deployed dockerized container on Microsoft Azure App Services.
- Version control on Microsoft Azure Repos / Git.

## 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.

**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