


Andy Nguyen

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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

July 2019 – January 2020

Metso Canada, Lachine, QC

- 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