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SKILLS AND QUALIFICATIONS

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

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

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

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

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, Software Deployment, Continuous Integration.

EXPERIENCE

Full-Stack Web Application Developer Intern   July 2019 – January 2020
Metso Canada, Lachine, QC

- Developed a Progressive Web Application to manage client equipment.
- Worked with Django and CouchDB to create RESTful API requests.
- Used React and Redux state management to create custom components.
- Worked in an agile environment, participated and organized weekly sprints / daily stand-up.
- Deployed application in a dockerized containers on Microsoft Azure.
- Version control on Microsoft Azure Repos / Git, code reviewed.

PROJECTS

Various applications using public API (visit andynguyen.ca to view some) – ReactJs, Redux, Python 2019 – Present
Personal Projects, Montreal, QC

- Fetch and consume data from public API. (Spotify, YouTube, Pokedex, Recipe, Covid-19)
- Customized Covid-19 backend responses with Mongo Atlas and ExpressJS
- Wrote and customized responsive webpages.
- Use of RESTful web services and Micro-services.
- Unit tests with jest, enzyme testing components and functions.

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

- TDD development.
- Martin Fowler Enterprise architecture patterns, MVC pattern implementation.