

James Nguyen

<https://github.com/jqnguyen15> | <http://jqnguyen15.github.io/>
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Education

University of Windsor | Computer Science | Windsor, Ontario
September 2014 - Present | Windsor, Ontario | GPA: 4.0

Experience

Pillr | **Software Engineering Intern** | Montreal, Quebec

August 2016 - December 2016

- Worked on a linked data platform for resource management system. Provides a network of standards based, machine-readable data across the web. Built proprietary framework and container using PHP.

Progressive Software International Inc | **Software Engineering Intern** | Windsor, Ontario

March 2016 - July 2016

- Design and develop desktop applications for clients related to database management systems. Worked towards bringing desktop application to web-based cloud application. Refactored legacy code to make code more maintainable and easier to read for future developers.

University of Windsor | **Teaching Assistant** | Windsor, Ontario

September 2015 - December 2015

- Review lecture of the content covered in class. Assisted students in completing their lab work, and in the marking of mid term and final exams.

Technical Skills

Programming Languages: Java, Ruby, PHP, Javascript, HTML/CSS, Python, C.

Areas of Interest: Algorithms and Data Structures, Machine Learning, Convolutional Neural Networks, Computer Vision, Natural Language Processing, Web Development.

Side Projects

DPDL - Implemented TrueSkill matchmaking algorithm to create balanced teams out of 10 players.

Made with Ruby on Rails.

Social Network - Twitter inspired social network built using Ruby on Rails.

Blog - Built with Ruby on Rails. Allows user to blog and make posts.

Message Board - Wrote using PHP, Javascript, HTML, CSS, MySQL. Facilitates communications and discussions between users.

Sudoku Solver - Written in C. Utilizes a recursive backtracking algorithm.

Extra Curricular Activities

Co-founder of the Big Endian Club at the University of Windsor.

Director's Honour Roll.

Dean's Honour Roll.

ACM Programming Competition 2015.

Golden Key Society.