

James Nguyen

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EDUCATION

Bachelor of Computer Science

University of Windsor, Windsor, Ontario

2014 - 2016

GPA: 90%+

Co-Founder of the Big Endian Club

Director's Honour Roll

WORK EXPERIENCE

Software Developer Intern

Progressive Software International, Windsor, Ontario

Mar 2016 - Current

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.

Teaching Assistant

University of Windsor, Windsor Ontario

Sep 2015 - Apr 2016

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.

PROJECTS

URI Shortener

Built using ruby on rails. Takes a user inputted link and stores it in the database. The user is given a hashed link using base 36 (alphabets + numbers) based on the URI ID. When the user attempts to visit the domain at the specified hash, the app converts the hash back to base 10 and obtains the original URI to redirect the user.

Message Board

Built a web application message board. Used PHP as the back-end scripting language. MySQL was used as the database. HTML, CSS, Javascript, jQuery and Ajax were used on the front end. Built entire web app from the ground up with no framework assistance.

Sudoku Solver

Written in C. Uses a recursive backtracking algorithm to obtain all possible solutions and outputs the first one found if available.

EXTRACURRICULAR ACTIVITIES

Big Endian Club Co-Founder

Group was dedicated to improving skills and knowledge of BCS Students at the University of Windsor with weekly study sessions.

ACM Programming Competition Oct 2015

Placed in 2nd place out of 50+ competitors in the East Central Region

SKILLS

Proficient in the following languages

C, C++, Java, Python, HTML, CSS, XML, PHP, Javascript, SQL, MASM