VISHAL MALIK

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TECHNICAL SKILLS

Java
Scala
JavaScript
AngularJS
Node.js/Ember.js
Design by Contract™
HTML5/CSS
Python
MIPS
Bash
C

MySQL
Derbi

Linux/Unix
Gradle/Git
Verilog

Testing/TDD
CCNA
Docker

AWARDS

Dean's Honours Roll
2015 - 2016

Participant in
Microsoft Azure
Platform Challenge at
YorkU 2016

10th Place at York
ACM Programming
Contest 2016

CAMPUS INVOLVEMENT

Member of CS Club
(CSHUB)

Bethune College Peer
Leader

York University
International Student
Peer Supporter

York University
Orientation Booth
Leader

PROFESSIONAL EXPERIENCE

Lassonde School of Engineering - York University   April 2017 - Current

Work/Study Teaching Assistant (Web / Android Development)   Toronto, ON

- Conduct labs tutorial for students and assist them to achieve objectives of labs.
- Assist Professor with grading and developing content for labs.

Eduksha   July 2016 - January 2017

Full Stack Developer | Web-based   Toronto, ON

- Developed and tested web based softwares using PHP, HTML, CSS, and JavaScript.
- Programmed in JavaScript, PHP to add new features and fixed bugs in highly concurrent, distributed, and resilient message-driven website.

Source (Bell Canada)   November 2015 - April 2016

Sales Associate   Toronto, ON

- Delivered excellent technical support and outstanding customer service to Customers and in person, by phone, and by email.

EDUCATION

York University - Lassonde School of Engineering   2015 - Present

BSc. Hons. Computer Science (**Major GPA:** 3.6/4.0)   Toronto, ON

Courses: Advanced Object Oriented Programming, Software Tools, Software Development and Design, Algorithms, Computer Organization, Professional Practices in Computing, Databases, Operating System, Advance Data Structures (B-trees, Red-black, 2-3-4 trees), Building E-Commerce System.

PROJECTS

Seats@yorku - Android app

- Award winning app at York Hackathon geared towards innovating new technology
- Built API using, Google Maps API, which helped Users to find seats in Library by predicating location in library by using wi-fi node, Network, and time.

Analyzer For Expression Language – Software (Designed by Contract)

- Collaborated with a CS sophomore to build Software which analyzes an expression and compute if a valid expression from contract is inputted.
- Designed an recursive algorithm to compute expression after being validated.

Interpreter for a Programming Language – Interpreter

- Open source Interpreter for a grammar
- Written in C and analyze and compute expression which exists in grammar.

Socket Distributed Messaging System – Java app

- A program that helps to communicate over a network by using IP and Port number by using sockets in Java.

References available upon request