William Yang

http://williamyang.me
wzyang@uwaterloo.ca | 647.990.3253 | 19 Hickory Drive Markham, Ontario

EDUCATION

UNIVERSITY OF WATERLOO

Computer Engineering
Expected June 2020 | Waterloo, ON

BASc in Computer Engineering
Expected May 2020 | Waterloo, ON
Expected Option in Software Engineering
Department of Engineering

Nanodegree In Machine Learning Engineering
Completed April - June 2016
Certified By www.Udacity.com
Co-Developed by Google

LINKS

Github:// **WilliamY97**
LinkedIn:// **williamyang97**
Twitter:// **@WilliamY97**

COURSEWORK

UNDERGRADUATE

Embedded Systems Programming
Object Oriented Development
Design Patterns & Architecture
Android Programming

ONLINE COURSES

Udacity
Intro To Computer Science
Intro To Algorithms
Machine Learning
Descriptive Statistics
Inferential Statistics

SKILLS

PROGRAMMING

Java • C++ • JavaScript • Python • CSS • SQL •jQuery • AngularJS
Familiar:
PHP • Android • Ruby • Rails • Node.js

INTERESTS

Algorithms • Machine Learning • Data Visualization • Full-Stack Development • Design • Finance • Statistics

- President of MKV Residence Council
- Class Academic Representative

EXPERIENCE

DBRS INCORPORATED | Software Engineer

May 2016 – September 2016 | Toronto, ON

- Will aid Global Technologies design, develop & implement business process improvements to improve efficiency and accuracy.
- Build out the application infrastructure that powers next generation analytics platform
- Develop financial tools for end-users using C#, MVC.NET, SQL, Javascript, & AngularJS

WATSAT | DESIGN TEAM | Command & Data Handling

September 2015 – January 2015 | Waterloo, ON | williamyang.me/WatSat

- Worked on the software team to create functions under Linux that produced qualitative results based off of sets of telemetry data using C++
- Re-built entire site from scratch to cater to sponsors and team recruitment

PROJECTS

AUG TOUR | Yale Hacks - Yale University

November 6-8th 2015 | New Haven, CT | Back-End Developer
Built backend of iOS app using Node.js that parsed through Google Maps API to help produce augmented reality objects when user is near cultural landmarks. Recipient of 2000 dollar competition prize in a team of four people

BOA SEARCH ENGINE Udacity CS101 Online Course

June 2015 - July 2015 | Markham, ON
A simple search engine written in Python. I built a web crawler to find links on different pages and an index to find relevant URLs for a search word. The engine then ranks pages for the best result

TEAM HACK | Hack The North - University of Waterloo

September 18-20th 2015 | Waterloo, ON | Front-End Developer
Built the frontend for a web app that allows users to find teams for hackathons using HTML, CSS, Javascript, and Bootstrap. I worked with a team of 3 other students

WEB SERVER ANALYZER | Academic Project

September 2015 - December 2015 | Waterloo, ON
Built a C++ project that used culminating concepts such as linked lists, recursion, and simple data types to build an analyzer that determined statistics of a web server

KLONDIKE SOLITAIRE | Academic Project

December 2014 - January 2015 | Waterloo, ON
Built a classic card game in Java to practise object oriented programming. The GUI was designed using Java's Abstract Window Toolkit

AWARDS

2015	Top Heritage Preservation App	Yale Department of Computer Science
2015	Provincial Scholarship Recipient	Professional Engineers of Ontario
2015	Nortel Networks Scholarship	University of Waterloo Engineering
2015	Waterloo President's Scholarship	University of Waterloo Engineering
2015	Leadership Excellence Award	Waterloo Engineering Society
2014	Top Quartile	Gr. 9 - 12 Waterloo Math Competitions
2014	1st Place	DECA Financial Literacy & Finance Principles