

SAHIL JAIN

2A Software Engineering

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www.sahiljain.ca

Cell: (647) 949-8165

TECHNICAL PROFICIENCY

- **Languages:** Experienced in Java, Node.js, MongoDB, C/C++, Familiar with C#, PHP, SQL, Assembly
- **Web Development:** HTML, CSS3, JavaScript, AngularJS, JQuery, Bootstrap
- **Tools and Software:** Android Studio, WebStorm, Eclipse, Visual Studio, Netbeans, Git, Maven
- **Android Development** with Java, SQLite, Robolectric
- **Physical Computing** with cRIO, Arduino, Scribbler, FPGA

WORK EXPERIENCE

- Agile Engineer, Pivotal Labs**, Toronto May 2014 – August 2014
- Developed Android apps with agile methodologies, pair programming, test driven development
 - Worked on over-the-top chat messaging app through XMPP
 - Tools/Frameworks used: Java, Android Studio, Robolectric, Arca library, aSmack
- Vice President of IT, Junior Achievement**, GE Health Care, *Mississauga* Oct. 2012 – April 2013
- Created survey software and online presence through social networking
- Software Leader for FIRST Robotics Competition** Oct. 2011 – March 2012
- Worked in a team of 5 with Java, SVN
- Student Council Election System Developer** (volunteer) Jan. 2011 – June 2011
- Coded election system for student government, using Java and Visual Basic
- Web Designer**, Print Den, *Mississauga* August 2010
- PHP, Photoshop CS3, Content Management System

PROJECTS

Portfolio: <http://www.sahiljain.ca/projects>

SkipTheWait – MongoDB/ ExpressJS/AngularJS/Node.js

- Online check-in for walk-in clinics to reduce wait time
- Created during Hack The North 2014

WaterlooAnswers – MongoDB/ ExpressJS/AngularJS/Node.js

- A question/answer system for UW students
- TDD with MochaJS, Travis CI

UW WhiteBoard – Node.js/Express/MongoDB, HTML/CSS/JavaScript

- A platform to help you find developers for your side projects
- Winner of the Best Design award at hackWATERLOO

Jewelanche - Android

- A simple physics-based game, implemented with **AndEngine**

Personalized Mass Texter - Android

- Send a common message to many contacts while personalizing each one with their name

Stock Analyzer – Java Applet

- Used machine learning to find momentum reversals and trends
- A candlestick chart of stock prices from Yahoo's web service

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EDUCATION

Candidate for Bachelor of Software Engineering, University of Waterloo Sept. 2013 – 2018 (expected)

- Cumulative average: 93.1%
- Dean's Honours List

Ontario Secondary School Diploma, Mississauga Secondary School, Mississauga, ON June 2013

- Governor General's Award for highest grade 12 average: 96%
- Specialist High Skills Major in Health and Wellness
- French Competency certificate
- Silver and Green Lion's Award

AWARDS AND ACHIEVEMENTS

- Entrance Scholarship for Software Engineering Sept. 2013
- President's Scholarship Sept. 2013

Computing

- Best Design award at HackWATERLOO for UW WhiteBoard March 2014
- 1st place in school, Canadian Computing Contest June 2012
- 4th place in Peel Region, ECOO Contest June 2012
- Highest Computer Science mark in grades 10-12, *Mississauga Secondary School*

Mathematics

- Euclid Math Contest school medal June 2013
- Fermat Math Contest school medal June 2013
- Highest Math mark in grade 12, *Mississauga Secondary School* June 2013

Sciences

- 1st place in school, SIN Physics Contest June 2013
- 1st place in Peel District, Canadian Chemistry Contest June 2013
- Highest Physics mark in grade 11 and 12, *Mississauga Secondary School* June 2013

ACTIVITIES AND INTERESTS

- UW Toastmasters Club
- Standard First Aid (CPR Level C)
- Fond of badminton, tennis, swimming
- Enjoys playing acoustic guitar, piano, tenor saxophone