

# Sahil Jain

3A Software Engineering | [sahiljain.ca](mailto:sahiljain.ca) | [s44jain@uwaterloo.ca](mailto:s44jain@uwaterloo.ca) | 647-949-8165

## SKILLS

- **Languages:** Scala, Java, Javascript, C/C++, Python, Ruby, SQL,  $\LaTeX$ , Assembly
- **Technologies:** Android, Thrift, Zookeeper, Cassandra, Node.js, AngularJS, ReactJS
- **Software:** IntelliJ IDEA, Eclipse, Visual Studio, Netbeans, Jenkins, Git, MongoDB

## EXPERIENCE

### PAGERDUTY BACKEND SERVICES SOFTWARE DEVELOPER

September 2015 – December 2015 | Toronto, ON

- Maintained reliability and performance of **Scala** services in the notification pipeline
- something something reliability and performance via distributed computing, Cassandra, Scala, Zookeeper
- Increased production data archival speed by **10x** by implementing concurrency
- Improved SLA metric accuracy by ...

### REMIND101 SOFTWARE ENGINEERING INTERN

Jan 2015 – April 2015 | San Francisco, CA

- Developed **Android** client with **1 million** downloads; **99.9%** crash-free status
- Independently developed Office Hours feature, used by over **50%** of teachers
- Implemented **Material Design** and enhanced notifications for **Android Wear**
- Improved performance and reliability of test suite significantly by migrating tests to **Robolectric** and reconfiguring **Jenkins** build server
- Made improvements to **Angular** app and **Rails** backend

### PIVOTAL LABS AGILE ENGINEERING INTERN

May 2014 – August 2014 | Toronto, ON

- Prototyped and released **Android** apps doing **TDD** and **Agile** the right way
- Shipped mobile payment and XMPP chat apps using Arca MVVM framework
- Learned **Robolectric** best practices from its creators

## PROJECTS

### WATERLOO ANSWERS CREATOR AND LEAD DEVELOPER

Node.js, MochaJS, ExpressJS, AngularJS, MongoDB

- Leading a team of 5 to develop a question & answer system for UW students
- Developed entire Node.js backend, prototyped Angular frontend

### SKIP THE WAIT BACKEND DEVELOPER

Hack The North 2014 | Node.js, ExpressJS, AngularJS, MongoDB

- Reduce wait time by allowing patients to check-in online for walk-in clinics
- Created API endpoints, data models, and NoSQL db queries

### WHITEBOARD LEAD DEVELOPER

HackWaterloo 2014 | Node.js, ExpressJS, MongoDB, EJS Templating

- A platform to help you find developers for your side projects
- Winner of the **Best Design Award**

### STOCK ANALYZER

Java, HTML5

- Applied **machine learning** principles to find momentum reversals and trends
- Determined by volumetric outliers and outstanding price movement
- Retrieves stock data from Yahoo API and displays candlestick chart

## EDUCATION

### UNIVERSITY OF WATERLOO BACHELOR OF SOFTWARE ENGINEERING

Expected April 2018

- Cumulative average: **92.4%**

- **Awards:** Dean's List, top 10% of class every term, President's Scholarship

## **MISSISSAUGA SECONDARY SCHOOL**

Graduated June 2013

- Grade 12 average: **96.3%**
- 1st in school: Euclid, CCC, SIN
- **Awards:** Governor General's Award, Silver Lion's Award, 4th in Peel ECOO