

Sahil Jain

3A Software Engineering | sahiljain.ca | s44jain@uwaterloo.ca | 647-949-8165

SKILLS

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

EXPERIENCE

PAGERDUTY BACKEND SERVICES DEVELOPER INTERN

September 2015 – December 2015 | Toronto, ON

- Improved reliability and performance of core realtime **Scala** services
- Optimized **Cassandra** queries, and applied distributed systems concepts
- Increased production data archival speed by **10x** by implementing concurrency
- Improved SLA metric accuracy and reduced transient alerts

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

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

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

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 in Euclid/CCC/SIN, Governor General's Award, Silver Lion's Award