

RAMANDEEP FARMAHA

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(416) 316 - 4256

SKILLS

Programming Languages

Java, Python, C++, Matlab

Web Development

Javascript, AngularJS, HTML, CSS, Flask, Heroku

Tools

AWS (S3, DynamoDB, SQS, Lambda, EC2), Cassandra, Git, Bash, Jenkins, SQLite, Tomcat, Spark

EXPERIENCE

Kik Interactive Inc.

Server Engineer Intern

Jan 2016 – May 2016

Build and open source **Java implementation** of **Blockhash** image hashing algorithm

Develop user scrubbing and data aggregating tools for the law enforcement team in Java and Python

Seeq Corporation

Software Engineer Intern

May 2015 – Aug 2015

Develop **multithreaded performance testing framework** for Seeq's custom Java **Cassandra drivers**

Automate Seeq and **Cassandra** cluster **deployment** on **AWS**

Raymond James Ltd.

Junior Web Developer

Sep 2014 – Dec 2014

Create financial calculators using **AngularJS** and **Bootstrap**

Develop **JSON-based** document databases with **AngularJS**

Develop **web-based tools** using **PHP**

Manulife Financial

Project Coordinator

Jan 2014 – Apr 2014

Design and **develop internal websites** using **HTML/CSS**

Develop automated Excel based monthly reporting for asset management solutions using **VBA**

PROJECTS

Mus.IQ

Song-guessing game **Kik bot**; pulls from **Spotify API**

NBA Slackbot

Conveniently retrieve NBA stats and highlights in **Slack**.

Powered by **Heroku**, **Flask** and **Python**

Midnight Sun Solar Car

Team Business Lead

Manage business operations and raise funds for the \$250,000 solar car project

EDUCATION

Sep 2013 - Present

Bachelors of Applied Sciences in Systems Design Engineering

University of Waterloo - 3.9 GPA

Jul 2015 – Aug 2015

Scalable Machine Learning

University of California, Berkeley edX - A grade

Sep 2009 – Jun 2013

International Baccalaureate Diploma

Glenforest Secondary School – 96.3 %