

## **Kanishk Tripathi (585)-622-8001**

[kanishktripathi.github.io](http://kanishktripathi.github.io)

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### **Programming and Software Skills**

Java, JavaScript, Android, C(basic), Python, Amazon CloudSearch, Apache Solr, Web servers, PureData

**IDE, Build Tools, Version:** Eclipse, Android studio, Maven, SVN, Git,

**Web programming:** jQuery, YUI, HTML, CSS, Node.js, Express JS, Spring, Struts

**Other:** Web Services, REST API

### **EMPLOYMENT**

**Teaching Assistant      UNIVERSITY OF ROCHESTER      September 2015 - December 2015**

- Only grad TA for Android app development course.
- Grading the assignments, projects as well as mentoring and helping students in doing their assignments.
- Helping students in learning best practices for Android programming.

**Android Intern    LUA TECHNOLOGIES INC., NEW YORK      June 2015- August 2015**

- Improved the unit testing framework of the mobile app on the Android platform which lead to increased code coverage and unit testing.
- Separated the tests between running on instrument and local unit test.
- Evaluated the use of ORM in the app and did code optimizations on the basis of best Android practices.

**Technical Associate      NAGARRO SOFTWARES PVT. LTD , INDIA      March 2011- July 2014**

**Role and key projects:** Full stack software developer

- Migrated an existing search application to use Amazon Cloud search for a business reporting product.
- Integration with Amazon S3 for file crawling.
- Worked on the front end data visualization libraries.
- Worked on the development of a web interface to update the tariffs and inventories of hotels for India's largest travel domain company.
- Developed a service to push hotel prices to Google Hotel Finder services which opened a new revenue channel.

### **COMPUTER SCIENCE EDUCATION**

**UNIVERSITY OF ROCHESTER Masters in Computer Science (Dec 2015)**

Selected courses taken: Data mining, Operating Systems, Programming Languages Design and Implementation, Human Computer Interaction, Interactive Machine Learning.

**INDRAPRASTHA UNIVERSITY, NEW DELHI Masters in Computer Applications (May 2011)**

Selected courses taken: Software Engineering, Software Testing, Software Project Management.

**UNIVERSITY OF DELHI, NEW DELHI Bachelors in Science (June 2008)**

### **PROJECTS**

#### **Hackathon Mining(Fall 2015)**

Data analysis of various hackathon projects and participants across the US was done.

Details at: <https://goo.gl/TdhD47>

#### **URListings (Fall 2015)**

A web application using Node.js, Express and MongoDB for finding roommates for University of Rochester students.

#### **My Weather(Spring 2015)**

An Android app to find current weather and forecast at current location using GPS or any other place from search. The user can also add/remove favorite places.

#### **Vocal Coach Project (Fall 2014)**

An Android app which helps a user match a correct pitch while singing. Done in a team of 4 people.

Project details: <https://goo.gl/uShoR6>