

## **Kanishk Tripathi**

[kanishktripathi.github.io](https://github.com/kanishktripathi)

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**GitHub:** <https://github.com/kanishktripathi/>

## **Programming and Software Skills**

Java, JavaScript, Android, C/C++(basic), Python, Amazon CloudSearch, Apache Solr, Web servers.

**IDE:** Eclipse, Android studio,

**Web programming:** jQuery, YUI, HTML, CSS, NodeJs, Express JS

## **COMPUTER SCIENCE EDUCATION**

UNIVERSITY OF ROCHESTER **Masters in Computer Science (Expected 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)**

## **WORK EXPERIENCE**

UNIVERSITY OF ROCHESTER(September 2015 - )

**Teaching Assistant:** 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.

LUA TECHNOLOGIES INC., NEW YORK, NY

**Android Intern**(June 2015- August 2015):

Improved the unit testing framework of the enterprise communication 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..

NAGARRO SOFTWARES PVT. LTD. GURGAON, INDIA **Technical Associate** (03/2011- 07/2014)

**Role:** Full stack software developer

**Smart Insight Search Application(2013 - 2014)**

Migrated an existing search application to use Amazon Cloud search. Integration with Amazon S3 for file crawling.

Worked on the data visualization display tools.

**Online Travel-Hotels (2012 – 2013)**

Worked on the development of a web interface to update the tariffs and inventories of a hotel for India's largest travel domain company. Integration of Google maps API with the web application to locate hotel location on the website for an online travel agency. Developed a service which pushed hotel prices to Google Hotel Finder services.

## **PROJECTS**

UNIVERSITY OF ROCHESTER

**My Weather(Spring 2015)**

An Android app to find current weather and forecast at current location using GPS or any other place from search.

**Credit lending prediction(Spring 2015)**

Project on predicting the credit worthiness for a new loan from past data. Project as part of interactive machine learning class.

**Compiler Project (Fall 2014)**

A code generator project that compiles a program. The language of the program is a subset of C.

**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 can be seen at: <https://sites.google.com/a/u.rochester.edu/ur-vocalcoach/>