# Revanth Pobala

**400 S Oak Street #234 Arlington 76010 TX    •(931) 284-8422    •revanth.pobala@mavs.uta.edu**
Linkedin: https://www.linkedin.com/in/revanthpobala

## Objective

Looking for **Summer** or **Fall** internship where I can implement my technical and analytical skills as well contribute to the progress of the company.

## Education

The University of Texas at Arlington, TX
**M.S Thesis in Computer Science Engineering, May 2016 (Expected)***GPA: 3.5*
**Relevant Courses:** Database Systems, Algorithms, Adv Comp Architecture, Distributed Systems, Information Security, Adv Information Security, Cloud Computing(Audited).

Nagpur University, India.
**B.E in Computer Technology, May 2013**
Major concentration: Data mining, Artificial Intelligence, E-commerce, Algorithms& Data Structures.

## Skills

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|---|---|
| Languages | Java, Javascript, Python. |
| Web Technologies& Frameworks | HTML5, CSS3, Bootstrap, jQuery ,nodejs, Selenium, Annyang js(Voice Commands), Cake PHP, Amazon AWS, Google App Engine. |
| Database Systems | MySql, mongoDB. |
| Operating Systems | Windows, Ubuntu, RHEL 6.0. |

## Certifications

o   IBM Tivoli Directory Server v6.3.
o   IBM Rational Application Developer for Websphere Server.

## Professional Experience                                     15 Months

**Graduate Research Assistant, iSec Lab, UT Arlington**                Sept 2014-Present

o   Developed a highly secured Instant messaging system named Lilac.
o   Supervised and mentored an undergraduate student.

   ***Lilac( Lightweight low latency anonymous chat)***

   o   Exploring the design and implementation of an anonymous chat system called Lilac which provides strong privacy and security, as well as being easy to use.
   o   To protect a user's identity Lilac routes messages through multiple intermediaries, rendering hackers unable to determine the origin or destination of a message as there exists no direct link between the two.

**Software Developer, smartData Enterprises, India**                Aug 2013- Feb 2014

o   Programming with PHP and other Technologies.
o   Assisted in project management, UX, UI and database architecture.
o   Played an integral part in project bidding, time management, and tool selection to produce highest profits.

   ***Mediology:*** Developed a video hosting website that is similar to Vimeo and Hulu plus.

   ***Vetabout:*** Developed a mobile veterinary website from the ground up in a team environment, Created a model for storing hierarchical data in MySQL with improved query performance.

## Academic Projects

•   ***MapReduce implementation using Hadoop on Multi cluster Environment:*** Performed computation on a large data-set to derive an analytical pattern from data based on different parameters by using Hadoop and Java.

•   ***TedxUTA:***Lead developer in the TedxUTA website. Used Wordpress and Mysql to develop the website.

•   ***Videogames:*** A website built with bootstrap and JSP that is used to store the information regarding the videogames. Annyang Js is used hence it can be operated by using voice commands.

•   ***Interaction with AWS and Google cloud.*** Deployed a web application where the users can query about the magnitude and location of the earthquakes that happened in a month. Used technologies such as Python, JINJA for rendering, boto, Bootstrap for good design and Memcache for faster retrieval of information.

•   ***Random Number Generator:*** Created an alternate module to the Random number generator in Java. Used recursive hash functions and generated random math equations on the fly. The project is fully written in Java and It does not use any PRNG or TRNG.

## Achievements

o   Contributor to the NSF-supported project CNS- 0954133.
o   Awarded graduate student scholarship from University of Texas, Arlington, 2014-2015.