LAKSHMI TEJASWI GINUGA

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EDUCATION

Master of Science in *Computer Science and Systems (December 2017)*   *GPA: 3.82*
University of Washington, Tacoma

Bachelor of Technology in *Electronics and Computer Engineering (May 2016)*   *GPA: 3.90*
Jawaharlal Nehru Technological University, India

TECHNICAL SKILL SET

Programming Languages: Java, C++, Python

Web Technologies: HTML5, CSS, JavaScript, React, Bootstrap, REST APIs.

Databases: MS SQL Server, MySQL

Operating Systems: GNU/Linux, Windows, Mac OSX.

Mobile Application Development: iOS (Swift).

Frameworks: Spring, Hibernate.

Tools: AWS Services, Git.

WORK HISTORY

The National Small Industries Corporation, India
Software Developer Intern | January 2016 - May 2016
- Implemented a secure innovative system an end to end web application following best practices of Software Engineering to set an optimal price for a mobile service provider by investigating equilibrium between the service subscribers and buyers in an ongoing project called Stackelburg Game in Mobile Networks under Agile with Scrum Methodologies.
- Used HTML, CSS, Java JSP, AngularJS for front end, tomcat/glassfish as Application server and MySQL as database.

Electronics Corporation of India Ltd, India
Software Developer Intern | June 2015 - August 2015
- Designed and developed a desktop application for authenticating the employees at Bhabha Atomic Research Centre in Corporate Research and Development Department.
- Used Microsoft.NET with SecuGen widgets, SQL Server for database.

Teaching Assistant at University of Washington | March 2017 – December 2017
- Reviewed and Graded all the works presented by the 120 students for the courses Database System Design, Data structures and Advanced Algorithms. Helped to broaden my knowledge while helping students and could showcase leadership qualities.

PROJECTS

Identifying Fake News, University of Washington, Dec 2017
- Worked with 50,000 news articles and classified if they are real or fake using different tools from NLTK for Sentiment Analysis for feature engineering, different machine learning algorithms with Information retrieval.
- Built a Web Application using HTML5, AngularJS and JavaScript which takes the news article as input and display its authenticity.

Stock Market Simulation, University of Washington, March 2017
- Built and Implemented a highly available distributed system that specializes in automated decision making for clients in the context of buying and selling stocks that is fault tolerant. Used RESTful Web services to design the system in Java and the whole system is deployed on AWS.

User Profiling in Social Media, University of Washington, May 2017
- Worked with 10,000 Facebook user data and predicted their demographic properties and personality traits based on their status updates, profile pictures and likes.
- Different modeling techniques of machine learning used: Naive Bayes, Regressions and Tensor flow. Also, used natural language processing techniques for data pre-processing.

Tweet Code, January 2017
- Developed a web app which is a clone Twitter which allows sharing of code snippets. Developed the UI to render single/list of tweets using AngularJS, bootstrap, html5. Satellizr.js is used for authentication.
- Used NodeJS to implement API which takes the content and store it to the persistence layer and Dynamo DB as a database that stores a document per user with all the ids to the tweets, followers, retweets, content.