Lakshmi Tejaswi Ginuga

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SUMMARY

- An ardent Software Developer skilled in OOP Java, Python, C++ and SQL. Strong understanding testing strategies.
- Proficient in writing test scripts with Selenium WebDriver and with TestNG, JUnit. Hands on experience with different build tools like Maven. Hands-on experience with Jenkins for Continuous Integration.
- Stronghold on the concepts of software engineering, OOD and have apt analytical skills to assess and resolve any problem at hand.
- Efficient organization, prioritizing work through various schedules and time management and effective cross collaboration.

EDUCATION

Master of Science in *Computer Science and Systems*	*GPA: 3.82*
University of Washington, Tacoma	*Sep 2016 - Dec 2017*
Bachelor of Technology in *Electronics and Computer Engineering*	*Grade: A*
Jawaharlal Nehru Technological University, India	*Aug 2012 - May 2016*

WORK HISTORY

Software Intern   **The National Small Industries Corporation, India**   **Jan 2016 - May 2016**

Development, testing of a secure end to end web application using HTML, CSS, Java, JSP, JavaScript, AngularJS, and MySQL under Agile with Scrum Methodologies. Led a team of 4 and successfully delivered. Responsible for writing test plans, test scenarios, test cases. Performed Functional, Integration, Performance testing.

Software Intern   **Electronics Corporation of India Ltd, India**   **Jun 2015 - Aug 2015**

Design of Authentication application for Bhabha Atomic Research Centre using Microsoft VB.NET with SecuGen widgets, MS SQL Server for database in Corporate R&D Department. This outperformed 25% better than previous version.

Teaching Assistant   **University of Washington**   **Mar 2017 - Dec 2017**

Reviewed and Graded all the works presented by 120 students for courses Database System Design, Data structures and Advanced Algorithms. Helped to broaden my knowledge while helping students and could showcase leadership qualities.

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, JavaScript, C++, SQL, HTML, CSS, Angular, React, Junit, TestNG, Perl
Tools: Selenium WebDriver, Jenkins, Jira, Rally, Eclipse, Apache Tomcat, Git, AWS, Azure Studio, Jupyter Notebooks, XCode
Key Courses: Algorithms, Data Structures, Distributed Systems, Machine Learning, Information Retrieval, Cryptography

PROJECTS

Identifying Fake News   *Machine Learning, Python, JavaScript, Jupyter Notebooks, HTML5, AngularJS*

Worked with 50,000 news articles and classified if they are real or fake.
Sentiment Analysis for feature engineering, different machine learning algorithms with Information retrieval.

Stock Market Simulation   *Java, Distributed Systems, RESTful web services, MySQL, AWS Lambda*

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.

User Profiling in Social Media   *Machine Learning, NLTK, Python, Jupyter Notebooks, Linux, Docker, Trello*

Worked with 10,000 Facebook user data and predicted their demographic properties and personality traits based on their status updates, profile pictures and likes.

Tweet Code   *JavaScript, AngularJS, HTML5, Bootstrap, Satellizer.js, NodeJS, Dynamo DB*

Developed a web app which is a clone Twitter which allows sharing of code snippets.
API takes content and store it to the persistence layer and database stores a document per user with all ids to tweets, followers, retweets, content.

Smart Home Security System   *Raspberry Pi, Python, AWS IoT, AWS SNS*

Design and development of an intruder alert system to alert user of any intrusion via SMS along with image of the intruder.

ACTIVITIES/INTERESTS

Member of IEEE-SNIST Student Chapter
Organizing head for Sreevision, a Technical symposium (2016)