

SAATVIK TIKOO

+1 (213) 519-8462 | tikoosaatvik@gmail.com | Los Angeles | saatvik-tikoo.github.io

EDUCATION

- **University of Southern California, Viterbi School of Engineering** Los Angeles-CA
Master's in computer science August 2019
- **Jawaharlal Nehru Technological University, College of Engineering** Hyderabad-IN
Bachelor of Technology in Computer Science & Engineering September 2013 - April 2017
Percentage: 82.87%

EXPERIENCE

- **Oracle Corporation Ltd**
Senior Applications Developer June 2019 - July 2019
 - Worked on Web Application for Performance enhancements, handling Automation and Dynamic Form and Dynamic Flex Fields usage. The project was part of Oracle Fusion Financial Technology.
 - Collaborated with Automation and Rest team for AP Invoices project.
 - Mentored one new hire and helped understand workflow at Oracle.*Applications Developer* July 2017- May 2019
 - Principal Engineer for CRUD operations on Higher Education Development, Oracle Fusion.
 - Handled UI and Rest resource development in ESS Job Scheduler application. Responsibilities included designing to deployment of application by following a continuous build cycle.
 - Created an application for data-visualization of Jira tasks and user-stories using Oracle Jet framework and Jira Rest APIs.
- **Pervacio Inc**
Software Developer Intern January 2017- March 2017
 - Collaborated with a team of three, to build a system to automatically detect physical damages to a mobile device without any human interaction. It included developing software and designing hardware. **OpenCV** was used for image recognition & processing and Pylon suite to control cameras on hardware.

PROJECTS

- **Chatbot** March 2018
Build a chatbot utilizing Reddit conversation corpus with help of **tensorflow**. It involves Data cleaning on multiple levels and uses LSTM model.
- **Stock Predictor** December 2017
Developed an application to predict Close value of a Stocks with **LSTM** model in **Keras**. The corpus was Google's stock values. As a part of Data Cleaning normalization was also done.
- **Sentiment Analysis** February 2017
Project deals with sentiment analysis of IMDB's movie rReviews. It compares various supervised learning algorithms and compares confidence and accuracy.
- **Bouncing Balls** June 2016
Designed a ball game in Java with swings and awt packages for UI development. It is based on moving a bat in either left or right direction to stop a ball from falling.
- **College Technical Fest Website** January 2016
Partnered with another member to create CS department's Annual Fest website. The aim of website was to display all events being conducted and allow users to register.

SKILLS

C, C++, JavaScript, Jenkins, MySQL, OpenCV, Oracle JET, PHP, Python, REST, SASS, SQL, VBCS, Web App development