

SAATVIK TIKOO

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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%

SKILLS

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

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 reviews. 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.