JEET S SHAH

1100 Howe Avenue Apt-471   shah.jeet.100197@gmail.com   (732)589-9619
Sacramento CA 95825

Summary

- Seeking an internship position that will allow me to explore career options in the IT sector. A self-motivated, hardworking graduate student in computer science, I have participated in Gujarat Hackathon 2017, organized "CodeVita" coding competition in Gujarat Technological University's "TechFest" 2017. Completed training and internship of Machine Learning and Java in company called Innoventa Technology and WayToWeb Pvt. Ltd. respectively.
- Courses studied : 1) Data Structure   2) Algorithms & Paradigms   3) Distributed Systems   4) Artificial Intelligence   5) Data Models & Data Management Systems   6) Compiler Design

Education

- Master of Science, Computer Science   2018-Present
  California State University, Sacramento   GPA – 3.5
- Bachlor of Engineering, Computer Engineering   2014-18
  Gujarat Technological University, India

Technical Skills

- Programming Languages and Database - C, C++, Java, Python, JavaScript, Android, Oracle, MySQL, MongoDB
- Development Environments – Eclipse, NetBeans, Jupyter Notebook, Android-Studio

Academic Projects

- **Facial Feature Localization**   DECEMBER 2019

  Description: The aim of the project is to find the facial features on the gray scale images given as input. The output of the model will be the predicted value of the facial coordinates in (x, y) format which will help in placing the facial filter on the image. The baseline model was Convolutional Neural Network and our aim is to outperform the results of it by using Transfer Learning (VGGFACE2) and Cascaded Convolutional Neural Network. Also, the project shows one of the applications that is facial filters on the predicted facial key points.

- **House Price Estimation using Both Visual Images and Textual Data**   OCTOBER 2019

  Description: Applied algorithms to extract visual features from house photos and combined them with the house's textual data. I have used Keras Functional-API to train textual data using Deep Neural Network and images using CNN. Then, Combined both models to predict "Price" available in textual data.

- **Time Series Forecasting using NN, LSTM and CNN**   SEPTEMBER 2019

  Description: Predicted a stock price close of a day based on the last 7 day's time series data using Neural Network, LSTM and CNN. Found the best number of the days should be considered in the past that yield the best model. Also, used LSTM to predict the stock prices for a company like Google and Apple for a continuous 5 days period.

- **Modern Low Footprint Cyber Attack Detection**   AUGUST 2019

  Description: Built a Network Attack detector, a predictive model capable of distinguishing between bad and good connections. Tried different models like Logistic Regression, KNN, SVM and Neural Network as a 'Binary' and 'Multi-Class' Classification problem. Found top 10 important features related to target using "Correlation Analysis" and used "DownSampling" to make dataset more balanced.

- **Mobile Learning Application**   FEBRUARY 2019

  Description: Built a new feature "Messenger" in existing student portal to help in communication with encryption-decryption of a message to provide security. Also, provided delete for everyone and delete for me feature like Whatsapp. I have used "Android" and ".NET" for front-end and back-end respectively and Amazon Web Service's EC2 server to deploy application and RDS to store database on cloud.

- **Project Tracking**   JANUARY 2018

  Description: The project tracking system enables assigning tasks to team members and setting priorities and deadlines. Every team member can insert information into the system and others will have quick access whenever and wherever they need it. One can get reports on your project budget, expenses, completed tasks and team members' performance and provides communication system between team members. I have used Java with Spring Framework to develop this system.

- **Bank Management System**   MARCH 2017

  Description: Developed a portal using JAVA which provides Banking services like transaction details, money transfer, etc.

Certification

- **Oracle University :**
  - **Oracle Certified Professional Java Programmer : JavaSE 6** in April 2017.
- **C-DAC GIST :**
  - Successfully completed **Diploma in Multilingual Computer Programming** in June-2015.