Rajan J. Jhaveri

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Work Authorization: US Citizen

OBJECTIVE

To work in the field of Computer Science, Software Engineering, Machine Learning, NLP, AI, Big Data.

EDUCATION

University of Texas at Dallas, Texas, U.S.A.   Dec 2017
Masters of Science in Computer Science(Intelligent Systems).   GPA- **3.82/4.0**

Nirma University, Ahmedabad, Gujarat, India   June 2016
Bachelor of Technology in Computer Engineering.   GPA- **8.19/10.0**

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, C#, R, Python, Go, Scala, Shell Scripts.
- **Machine Learning Libraries:** Scikit-learn, Tensorflow, numpy, pandas, Spark MLlib, Caffe.
- **Databases:** SQL, Oracle, SQLite, NoSQL, Amazon-RDS, MongoDB.
- **Big-Data Technologies:** Hadoop, Map-Reduce, Pig, Spark, Kafka.
- **Frameworks :** Ionic (Hybrid App Development), JAX-RS, Ab Initio(ETL Tool).
- **Web Technologies:** D/HTML, XHTML, CSS, JavaScript, JSP, Angular JS.
- **NLP Tools & Technologies:** NLTK, Lucene, Solr, OpenNLP.

EXPERIENCE

- Technology Analyst   **JP Morgan Chase**   **Feb 2018 – Present**
  - Working on the Data Ecosystems Team for Consumer and Community Banking.

- Summer IT Intern   **Verizon**   **Jun 2017 – Aug 2017**
  - **Mobile App Development**- Worked in an Agile Environment and developed a Hybrid mobile application that brings in about 25% of Verizon's new business. Technologies used were Ionic, Angular JS.

- Intern-Full Stack Software Developer   **I-Verve Infoweb Pvt. Ltd.**   **Dec 2015 – May 2016**
  - **RECOMMENCE**- Online Job Portal with facilities like job suggestions, job search, Automated Resume Generation, Interview Tips for the employees. Technologies used were **Java, JavaScript, MySQL**.

TECHNICAL ACHIEVEMENTS

- Ranked in the **top 30%** of the teams with a Precision of **0.78143** in the **Google Youtube-8M** Challenge on **Kaggle**.

PROJECTS

- **K-means** Algorithm Implementation for **Tweet Clustering** and **Image Segmentation**.
- **Library Management System** with Data Pre-processing.
- **Database Engine Implementation** loosely based on a hybrid of MySQL and SQLite.
- **Tweet Sentiment Analysis** with Python.
- **Berkeley Pacman Project –** Implementation of heuristics and well-known search algorithms in **AI** like A*, UCS.
- **Alexa Skill Development** experience.
- Used **Hadoop Map-Reduce** to derive statistics from **Yelp Dataset** using joins and job chaining techniques.
- **Bigram Probabilities, Transformation based(Brill's) POS Tagging, Viterbi Algorithm** as a part of NLP course**.**
- **ID3** Algorithm implementation with Data Pre-processing.
- **Neural Network package** Implementation with Data Pre-processing.
- **Semantic Search Engine** as a part of NLP course using Apache SoLR and nltk.

HONORS, AWARDS & EXTRA CURRICULARS

- Winner, Code Ninjas at Ifest 2k14.
- **Cricket Team Captain** in University Cricket League, 2015-16.