ADHISH THITE

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Machine Learning | Deep Learning | Data Visualization & Analysis | Salesforce.com Development | Big Data Analytics

Machine Learning Engineer leveraging expertise in software artificial intelligence, deep learning, data exploration and visualization, application and web development to effectively translate client requirements for insightful, data-driven business decision making. Exhibits proven ability of optimizing business processes through cutting-edge analytics, winning project leadership skills, and industry expertise of frameworks such as TensorFlow, Keras and tools like Tableau, SAS, Google Cloud Platform & Analytics Services.

Key Skills: Deep Learning (TensorFlow, Keras), Machine Learning & Data Analysis (Python, R), 2x Certified Salesforce.com Professional, Application Development (Java), 'Deep Learning Specialist' (Coursera), Splunk> Certified Knowledge Manager, Web Development (HTML5, CSS3, BootStrap4, JavaScript, jQuery).

EDUCATION

M.S. (Computer Science) | University of North Carolina at Charlotte May 2019
Courses: Computer Vision, Machine Learning, Big Data Analytics, Cloud Computing for Data Analysis.

B.E. (Computer Engineering) | University of Pune May 2014
Courses: Algorithms, Data Structures, Operating Systems, Theory of Computation.

PROFESSIONAL EXPERIENCE

Machine Learning Engineer (Intern), Zuora, Inc. (San Francisco, CA) 6/18 – 8/18

- **Business Process Improvement:** Increased Zuora's live support agent involvement by ~75% by building a Topic Modelling pipeline in **Java** and **Python** to correlate customer support tickets with internal knowledge base content.
- **Driving Customer Engagement:** Accelerated ticket response time by 90% by leveraging Machine Learning techniques to automate access validation to Salesforce.com orgs in Zendesk.

Graduate Research Assistant (Data Analyst), UNC Charlotte (Charlotte, NC) 2/18 – 6/18

- **Data Analysis:** Increased faculty-department engagement by creating **Tableau** storyboards for executive show-and-tells by accurately visualizing and analysing complex student data. Predicted SLOs and retention rates using statistical methods in **R**.
- **Operational Process Automation:** Cut down data extraction time from 8 hours to less than 2 minutes by transitioning to an automated system by implementing data extraction & manipulation scripts in **Python**.

Application Development Analyst | Salesforce.com SME & Specialist, Accenture (Pune, India) 4/15 – 7/17

- **Application Development & Maintenance:** Led the E2E delivery of an e-commerce platform for a leading client. Acted as the Lead **Salesforce.com** Developer and Team Lead for the client's first-ever implementation of a cloud-on-cloud model.
- **System Overhaul:** Facilitated complete overhaul of a Purchase Order flow by developing key delivery components. Augmented Sales Reps efficiency by 50% by deploying advanced automation processes via Salesforce.com customization & configuration.

ACADEMIC PROJECTS

Improved Decoupled Neural Interfaces with Synthetic Gradients: Reduced the training time for Deep Neural Networks by 50% by implementing an independent 'pre-training' module in TensorFlow. Created a weight initializer based on input-input mapping to be used for actual input-output training.

Neural Image Caption Generator: Generated best-fit captions for given images by implementing a VGG-16 + LSTM model in Keras. Used Flickr 8K dataset for training. Optimized model while securing a 5% increase in BLEU translation score by using Inception module for training on the image data and by reducing vocabulary size.

Spoken Digits Audio Classifier (Sound-MNIST): Correctly identified spoken digits by developing a 97% accurate Convolutional Neural Classifier in Keras. Represented audio data in a numeric format by using the Mel-Frequency Cepstrum Coefficient.