ADHISH THITE

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

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), Cloud Computing (AWS, Google Cloud), 2x Certified Salesforce.com Professional, Application Development (Java), 'Deep Learning Specialist' (Coursera), Splunk Certified Knowledge Manager, Web Development (HTML5, CSS3, BootStrap4, JavaScript, jQuery).

EDUCATION

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

Bachelor of Engineering (Computer Engineering) | University of Pune, India 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.