

ADHISH AASHEESH THITE

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EXPERIENCE

Graduate Research Assistant | University of North Carolina at Charlotte – United States | February 2018 – Present

Researcher of the student learning outcomes via Data Visualization & Analytics.

Application Development Analyst | Accenture Solutions. Pvt. Ltd. – India | April 2015 – July 2017

Lead Developer and SME for Salesforce.com and Web Design.

Software Engineer | Prudencity – India | December 2014 – April 2015

Full-Stack Developer. Trained in Android Development.

Software Engineering Intern | Tata Consultancy Services (T.R.D.D.C.) – India | July 2013 – May 2014

Web and Database Designer for intra-organizational parcel tracking & management portal.

EDUCATION

Master of Science (Computer Science) | University of North Carolina at Charlotte (United States) | May 2019

Coursework – *Machine Learning, Cloud Computing, Big Data Analytics, Data Mining, Information Visualization*

Bachelor of Engineering (Computer Engineering) | University of Pune (India) | May 2014

Coursework – *Data Structures & Algorithms, Database Systems, Theory of Computation, Software Design*

PROJECTS

Real-time Handwritten Digit Recognition (OpenCV & KERAS) | UNC Charlotte | March 2018

Developed an application to recognize handwritten digits using the system's front camera. The run-time accuracy achieves a near-human score of 99%.

Optimizer Comparison (CIFAR-10 & KERAS) | UNC Charlotte | February 2018

Analyzed the performance of different optimizers (SGD, Adam, RMSprop, Adagrad, etc.) in a CNN on the CIFAR-10 dataset using Keras. This project helps to identify the ideal choice of optimizer for an image classification task.

DNN on PIMA Indians Diabetes Dataset with KERAS | UNC Charlotte | March 2018

Implemented a Deep Neural Network with KERAS (TensorFlow) in Python on the PIMA Indians Diabetes dataset. The model achieves around ~78% accuracy, which is better than the accuracy achieved by any other model.

Multivariate Splits in Random Forests (Forest-RC) | UNC Charlotte | January 2018 – February 2018

Developed a custom code in 'R' which uses 'multi-variate' or 'oblique' splits in each of the Decision Tree instance of a Random Forest. The model performs better than the traditional univariate split.

myML Library | UNC Charlotte | August 2017 – December 2017

Implemented the core algorithms of Machine Learning like PCA, LDA, Linear/ Logistic Regression, Artificial Neural Networks, etc. The results obtained by implementing these algorithms were almost similar to that of *scikit-learn*.

Big Data Analytics for Insurance Claims Management | UNC Charlotte | August 2017 – December 2017

Developed a Logistic Regression model on real-world dataset (Insurance Claims) to identify major drivers of *cost* and *time* to process Workers' Compensation Claims. The large dataset was wrangled with SAS Enterprise first, and then data visualization & analysis was done with Tableau.

eCommerce Sales Platform | Accenture | April 2015 – July 2017

Led a team of 8 developers to build & maintain the e-commerce platform for a prominent client. This was the first implementation of a cloud-on-cloud based delivery model. Involved in the E2E overhaul & development of Sales + Services model for the client.

SKILLS

- **Salesforce.com** – 3x Certified Professional
- **Splunk** – Certified Knowledge Manager
- **Coursera** – Deep Learning Specialization
- **Udemy** – 7x certified (Machine Learning and Data Analysis)
- **Machine Learning & Data Analysis** using Python | R
- **Deep Learning** using TensorFlow | Keras
- **Google** – 2x Certified Google Analytics Enthusiast
- **Cloud Computing** (AWS | Google Cloud Engine)
- Hadoop | Spark
- Java | VB.NET | Scala
- **Visualization & Analysis** in SAS | Tableau | D3
- HTML5 | CSS3 | Bootstrap4 | JavaScript | jQuery