PRATHAMESH PANDIT

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EDUCATION

North Carolina State University, Raleigh, NC
Master of Computer Science (pursuing a track in **Data Science**), Anticipated May 2021   ***GPA: 4.0/4.0***

University of Mumbai, India
Bachelor of Engineering (in **Computer Engineering**), May 2017   ***GPA: 3.57/4.0***
Coursework: Design and Analysis of Algorithms, Foundations of Data Science, Software Engineering, Automated Learning and Data Analysis, Neural Networks and Deep Learning, Operating Systems, Database Management Systems, Machine Learning

SKILLS

Languages:	Python, Java, Apex, SQL, Matlab, JavaScript, SOQL, C, HTML/CSS
Databases:	Oracle, PostgreSQL, MongoDB
Frameworks/Libraries:	Lightning Component Framework, pandas, NumPy, scikit-learn, NLTK, TensorFlow, Keras, Node.js
Tools/Technologies:	Jupyter Notebooks, GIT, Anaconda, JIRA

WORK EXPERIENCE

Software Engineer | Salesforce Certified Developer, *Atos, Bengaluru, India*   June 2017 – December 2018

- *Dataset Purchase Management Application*: Developed a customized Salesforce Sales Cloud application to simplify the dataset purchase process for customers. Worked extensively in the Development, Testing and Deployment of the system. Created Data Models. Implemented automations by writing Triggers in Apex / Java, and by using Process Builder and Flows. Performed thorough unit testing for apex classes and achieved an overall test coverage greater than 90%. Developed Salesforce Lightning Components using the Lightning Component Framework. Performed REST Web Service Integration with JIRA. Carried out Salesforce Admin tasks like creating profiles, roles, defining application's page layouts, defining visibility and sharing settings of data, and many more. Deployed the application using Change Sets. Collaborated with members in Agile teams to incorporate modifications to customer requirements.
- *Customer Portal*: Implemented enhancements for a Customer Portal using technologies like the Lightning Component Framework, JavaScript, SLDS (UI Framework), and Salesforce Communities. Involved in implementing Asynchronous Callouts to improve load-time of the Portal's various web-services.

PROJECTS

- **Git Answer Bot for Stack Overflow:** Implemented an answer bot on Stack Overflow that responds to new GIT related questions with an answer linking to existing similar, previously answered question. Uses NLTK and scikit-learn to calculate Tf-idf and cosine similarity, to identify the most similar previously answered question in the Stack Overflow dataset hosted on GCP BigQuery.
- **Frequent Itemset Data Mining using Map-Reduce**: Performed Frequent Item-set Mining on Uncertain/Probabilistic data, that was implemented using the Map-Reduce programming model. Algorithm was published as "**Uncertain Big Data Strategical Miner**", in the International Journal of Computer Sciences and Engineering.
- **Machine Learning Classifier:** Implemented a Cancerous Tumor Classifier using 'gene expression cancer RNA-Seq Data Set' to create, compare and help select best classification model among algorithms like Logistic Regression, LDA, KNN, CART, Naive Bayes & SVM using K-Fold Cross Validation, and classified tumors with accuracy over 96%.
- **Computer Vision**: Implemented Lane Detection for Self Driving Cars using Python and OpenCV, developed as part of Udacity's Self Driving Car Nanodegree program scholarship.
- **JSCodeComplexityAnalyzer:** Conducts code analysis. Calculates Simple Cyclomatic Complexity, max message chain, total comparisons, parameter and return statement counts for functions and more using AST generated from Esprima.

CERTIFICATIONS

Deep Learning Specialization (by deeplearning.ai on Coursera), **Machine Learning** (by Stanford University on Coursera), **Salesforce Certified Platform Developer I**, Salesforce Certified Platform App Builder, Salesforce Certified Administrator, Oracle Certified Associate Java SE 7 Programmer

EXTRACURRICULARS

Conducted Object Oriented Programming sessions for a week for the Salesforce Development trainees at Atos.
Interests – Watching movies from different countries, fitness, travelling