

Deven Chhetri

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EDUCATION

- **University of North Carolina** Charlotte, NC
Master of Science in Computer Science; GPA: 3.50 *Aug. 2016 – Dec. 2017*
- **Vellore Institute of Technology and Science** Vellore, India
Bachelor of Technology in Information Technology; GPA: 3.55 (8.09/10.0) *Aug. 2008 - May 2012*

PROJECTS

- **Loan Default Risk Prediction:** This was a visual Analytics project under the category of threat intelligence. Used lending club data to predict whether a loan applicant may default in the future. Tried and tested various models to finally proceed with Decision tree, Logistic Regression, XGBoost and Survival Analysis. Used Tableau extensively for exploratory analysis.
- **Cluster Analysis:** Used McDonald dataset to do a thorough cluster analysis using hierarchical and k-means clustering on SPSS to compare and interpret the results using demographics and psychographics of the segments.
- **Extracurricular Database:** Created a database that takes care of extracurricular activities for a college and maintains its records and the related users using MySQL and workbench. Built a basic user interface using html and php to insert read, update, and delete rows in the database. Used XAMPP with phpMyAdmin to host local machine as a server.
- **Classification based on Fragile State Index:** Used Fragile State Index data to first augment a few related variables based upon research and then to classify various countries using different classification and data mining techniques to label them into decision features based upon nation's stability. Used weka and excel extensively for the analysis
- **Snake Game:** Developed a basic snake game in Python using pygame library.

SKILLS

- **Analytical Tools/ Programming Languages:** Python, Java, R, C, MySQL, Oracle, Excel.
- **Visualization Tools:** Tableau, Matplotlib.
- **Data Analysis Techniques:** Regression, Decision Tree, Naive Bayes, Gradient Boosting, XGBoost, SVM, Neural Network, Hierarchical and k-means clustering, Discriminant Analysis, PCA.

EXPERIENCE

- **EMC Corporation** Bangalore, India
Systems Engineer Analyst *Feb 2015 - Jul 2016*
 - 1: Modeled EMC Storage solutions after analyzing and assessing customer data and performance criteria, and providing them to Presales field within defined SLAs and quality standards.
 - 2: Qualifying for sales opportunities in terms of customer technical requirements, competition, decision making process and funding.
 - **Cognizant** Bangalore, India
Senior Systems Executive *Nov 2012 - Jan 2015*
 - 1: Manage storage environment by coordinating with developers, DBAs, and other teams to determine storage requirements and to optimize it.
 - 2: Responsible for allocating/de-allocating space from various storage products, fabric troubleshooting, and basic switch configurations, and to handle all incidents/requests within defined SLAs under ITIL framework.
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