

EZHILVEL MALAR ELANGO VAN

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Master of Science in Business Analytics

Los Angeles, CA
Expected Dec 2019

- Coursework: Data Management, Statistics and machine learning, Optimization, Customer and Competitive Analytics, Operations analytics, Intro to Neural networks and deep learning.
- Affiliation: Strategic Operations and management Association (SOMA)

NIT Trichy Bachelor of Technology, Metallurgical and Materials Engineering

Tiruchirappalli, India
May 2016

- Coursework: Pattern Recognition, C++ and Unix, Linear Algebra, Transforms and PDE, Programming, Economics
- Thesis Project: Estimated the band gap of binary compounds using open source data and machine learning algorithms. Received an outstanding grade (2/20 teams to obtain)

TECHNICAL SKILLS

Proficient: Python, SQL, R, VBA, SAS, C/C++, Hive, Tableau, MS Excel. A/B Testing, Machine Learning, Web Scraping

Familiarity: D3.js, HTML, MongoDB (NoSQL), Alteryx, Hadoop, Spark, Adobe Analytics, Docker, Piwik, Matlab

Worked with: Python (Pandas, NumPy, SciPy, SciKit Learn, plotly, NLTK, Keras), R(forecast, ggplot2, regexr, snowbalC)

WORK EXPERIENCE

CITY OF LOS ANGELES, MAYOR'S OFFICE Data Science Intern

Los Angeles, CA
Sep 2018 – Nov 2018

- Quantifying livability index of neighborhoods using various metrics as a proxy
- Utilizing the open data sets and scraped data from various portals to analyze the trend in job availability, people movement, air quality etc. by neighborhoods.

EXL SERVICE Business Analyst /Senior Business Analyst

Bangalore, India
Jul 2016 - Sep 2018

Partnered with marketing managers and pricing directors of banking and Fin-Tech clients around the globe, providing business recommendations and tackling data problems.

- Built models for targeting potential customers for launch of new products for an Asian Bank, leading to potential annual savings of \$3 million globally
- Analyzed test and control customer base for marketing campaigns and provided business recommendations to improve KPI.
- Developed pricing strategy for 20+ business products for a global money transfer client.
- Designed data warehouse for the client's new business group that provides quick and reliable access to the data for the different business stakeholders.
- Automated 30+ reports for an Asian Bank on Tivoli Work Scheduler, achieving a cycle time reduction of 67%.

Organized mentored training program across the Bengaluru office for SQL, Tableau, Statistics and Machine Learning. Exceptional Performance Award Q4 2017 awarded by client for deploying BAU reports into Tableau and Alteryx

STAYZILLA Business Intelligence and product management Internship

Chennai, India
May 2015 – Jul 2015

- Built an issue detection tool, enabling managers of 1000+ low-rated hotels in tier 2 cities in India identify and address critical customer issues and eventually increasing average rating by 8%.
- Analyzed user behavior for web and mobile application to customize features.

ANALYTICS PROJECTS AND COMPETITIONS

Accenture Datathon (2018), Highest accuracy

Predicted future payroll for City of LA using XGBoost and Elastic net models and analyzed the inefficiencies in the system. Presented the ideas to the controller of Los Angeles and analytics leaders from Accenture.

Competitor Analysis (2018), at EXL for a fortune500 client

Built a web crawler to source quotes for payments from various competitor websites, improving client's competitive advantage. Used Python Selenium WebDriver and XE API to automate the process for millions of combinations.

IITK Datathon (2017), Finalist

Developed ARIMA model to forecast demand for home appliances using historical shipment & macroeconomic data.

AnalyticsVidhya MiniHack (2017), Top 10%

Developed a model to identify surge price classification for a cab aggregator in India, using random forest in R in 3 hours.

Eureka Fidelity Innovation Challenge (2016), Finalist

Built product recommendation model based on Text Mining and Sentiment analysis of tweets, incorporating decaying algorithm.