

Vikneshvar Chandrahasan

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EDUCATION

California State University - Fullerton, CA

GPA 3.75

*Master of Science in Information Systems, specialization in **Business Analytics***

Jan 2016 - Dec 2017

EXPERIENCE

IT Dept. Student Assistant - Data Analysis | Graduate Researcher

June 2016 – Dec 2017

California State University, Fullerton

- Generated Oracle OBIEE Reports on a daily basis to optimize training efforts for 4000+ university employees.
- Interviewed, trained and led 3 new employees on database querying, customer service, ITSM and clerical tasks.
- Developed SQL scripts for reports, programs and integrations between commercial and cloud/in-house systems.

Software Engineer – Data Analysis | Machine Learning Intern

May 2017 - July 2017

Lynt Inc., Pasadena, CA

- Combined 15- 20 financial and behavioral characteristic features of customers to generate an RFM model.
- Advised CEO on AWS for scalability and deployment within budget constraints. Used EC2, EB, Data Pipeline and S3.
- Reduced the model deployment time by up to 30% by automating machine learning workflows with data pipelines.
- Designed the analytical processing system with Node JS server, MongoDB database, DW, ETL functions

Systems Engineer - Business Analysis | Product Development

Oct 2013 - Jan 2016

Tata Consultancy Services, Chennai, India

- Led a team of 4 analysts through Agile and Scrum for collecting business requirements, modeling the SQL 2012/Oracle 9i database, developing ETL Pipelines and OLAP Cubes using SSIS and SSAS.
- Designed SSAS cubes with aggregated values, calculations, KPIs and Data Warehouses considering star/snowflake schema and slowly changing dimensions. Scripted 100's of SQL/Oracle stored procedures, functions and, queries.
- Designed KPIs for sales and marketing, integrated into SSRS reports and conducted Data Quality Services in SSIS.
- Created 360-degree business and mobile interactive dashboards using advanced reporting features in Tableau.

TECHNICAL SKILLS

Data & BI Tools: Python, MS Excel, Tableau, SPSS, SAS, SSIS, SSAS, SSRS, Google Analytics, Informatica

Database: MS SQL, Oracle Database 9i, MySQL, MongoDB, Big Data, Amazon EC2/RDS, S3

Programming: Python, Java, Android, iOS, C#, HTML5, Node JS, GitHub, Linux OS

AWARDS | PROJECTS | CONFERENCE PRESENTATION

1. Public Health Analysis & Geographical Mapping (Tools: Python, ArcGIS, SAS, MS Excel, Tableau)

- Built Mathematical models to save millions of lives during disasters by analyzing the Medicare data, socio-economic-chronic conditions of the people to optimize healthcare delivery: www.baztechstudio.com/rp/rep2
- Examined missing records, multicollinearity and outliers by running statistical tests such as Cooks distance, variance inflation factor, correlation matrix and box-plot. Achieved 85% accuracy using ensemble stacking ML algorithms.

2. Natural Language Processing on Business Advertising & Public Relations (Tools: Tensorflow, NLTK, MySQL)

- Achieved 90% accuracy in identifying hidden political bias in the written text. Helped organizations contain their liberal/conservative ideologies when communicating with the customers. www.baztechstudio.com/rp/rep1
- Winner of Teradata Analytics Competition: www.teradatauniversitynetwork.com/PARTNERS2017/

GitHub @ [www.github.com/Vikneshvar](https://github.com/Vikneshvar) and Portfolio @ www.baztechstudio.com - Developed with Google Analytics and Python