

VYSHAK SUGUNAN

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BUSINESS AND DATA ANALYST

Highly pragmatic **Business and Data Analyst** and MS Business Analytics candidate at UCLA Anderson. Draws on over three years of blended analytics and management experience and an undergraduate foundation in computer science and engineering to bridge communication and expectations gaps between technical and functional business areas. Driven to solve complex business issues that strive to be both simple and unorthodox. Quick learner, keen to apply newfound knowledge to deploy practical applications across a broad range of industries.

Languages: SQL, R, Python, C, C++, Java, C#

Software: Excel, Tableau, VisualBasic

Middleware application: IBM IIB, Ensemble IE, Rhapsody IE, Cloverleaf IE

Certifications: ITIL, HL7 v2.8 Control Specialist

PROFESSIONAL EXPERIENCE

DELOITTE CONSULTING

Bengaluru, India

Business Technology Analyst | Consultant

August 2016 to September 2019

- Identified recurrent issues and tracked potential risks for all support-related incidents, reducing monthly incident count by 25%. *Presented with Spot Award*
- Brought in to supplement an unexpected scope increase and subsequently took over the entire migration of 317 interfaces from one middleware application to another within three months, after learning the fundamentals of both
- Undertook three large-scale capital-intensive projects simultaneously, spanning nine months without any lapse in time or quality of deliverables. *Presented with Applause Award recognizing the accomplishment*
- Verified peer builds and customized an Excel-based checklist as part of the Review team, reducing turn-around time from 1.5 hours to 30 minutes
- Utilized the Review checklists to recognize areas of growth for individual developers and the overall team and planned additional development sessions, reducing coding related errors by almost 45%
- Directly trained new hires and developed streamlined training agenda, saving onboarding time and effort by four weeks
- Introduced an Estimator tool—including efforts and timelines as a roadmap—for team deliverables, providing management a transparent view on the SDLC process to effectively pipeline and scope new projects
- Entrusted with development in highly sensitive, complex, limited-access client environments

COLLEGE PROJECTS

- *Dashboard Analysis for Squid Clients*
 - Built Analytical Dashboards in Tableau for the clients of a brick-and-mortar delivery firm
 - Connected to their stage environment using Snowflake and Fivetran
 - Implemented data clean-up, data wrangling and built dimensions and fact tables for their metrics using SQL
- *Architecture Modeling using Genetic Algorithms (Machine Learning)*
 - Digitally constructed 3D Architecture Models based on user requirements through Procedural Generation
 - Implemented Machine Learning concepts in our program to create multiple models adhering to the user-placed restrictions in every iteration
 - UI and back-end created using C# and .NET framework
- *“Code of Duty” - to teach elementary programming (Gamification)*
 - Initially project was conceptualized to showcase working of all stages of a traditional compiler
 - Later the front end was upgraded as a game that introduced children to concepts of simple programming
 - Created custom high-level English-term driven programming language after hours of analysis of possible structure definitions. Used C++ to convert program coded by children in our custom language to a specific machine code

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

Master of Science in Business Analytics (MSBA) - STEM OPT eligibility

Expected December 2020

Optimization, Machine Learning, Business Fundamentals for Analytics – Finance & Economics, Prescriptive Models and Data Analytics, Competitive Analytics, Customer Analytics, Operations Analytics, R, Python, SQL and Database Management

GOVT. MODEL ENGINEERING COLLEGE, KOCHI

Kochi, India

Bachelor of Technology in Computer Science and Engineering

April 2016

Artificial Intelligence, Neural Networks, Analysis and Design of Programming Languages

- Association of Digital Artists [ADA]: Game Development and Design Club- Cofounder and Chairman (2014)
- Committee for Sponsorship - Inter-College Technical Fest Excel (2014)