

PROFESSIONAL EXPERIENCE

DECISION SCIENTIST (In Training) ; Mu Sigma Business Solutions Pvt Ltd, Bangalore India Nov 2015 - Jul 2016

- **Project: Serve customised ads to sports viewers based on their emotions. for major US sports broadcaster**
 - o Priorized major events in sports **based on emotions** using data extracted and analyzed from Adobe SiteCatalyst API. The process was partially automated using **R language, APIs and Excel Macros**
 - o Designed an efficient methodology to identify a viewer's teams and leagues preference and this process is completely automated using **Cron, Bash, and Hive scripts**
 - o Analysed the **betting odds** to determine how competitive the games are expected to be using variables like **Spread/Moneyline distribution**, Ranking and predictability of the league
- **Project: Impact of change in process on Interactive Voice Response (IVR) system, for a major pharmaceutical retail chain**
 - o Data pre-change and post change was analyzed using **SQL and SAS analytical tools** to identify the major impacts and the same was communicated to Customer Care Operations Team.

ASSISTANT PROJECT MANAGER; A-Square Enterprises, Bangalore India Jun 2015 - Nov 2015

- Coordinated with the project manager and supervised construction project to optimise usage of resources and ensure timely completion of the project.

EDUCATION

CARNEGIE MELLON UNIVERSITY, Pittsburgh PA, USA Expected - December 2017

MS Architecture Engineering Construction Management with focus in **Engineering Management**

Relevant Courses

- Civil Systems and Investment Planning by Dr. Scott H Mathews
- Real Estate Design and Development by Adjunct Prof. Valentina Vavasis
- Corporate Finance by Prof. T.K.Lim
- Strategy and Management for Technological Innovation by Prof. Daniel Armanios

Projects/ Competitions

- Financial Proposal for "Hotel Development" for *Squirrel Hill Urban Coalition*, Pittsburgh PA
- Financial Proposal for "Asian American Center" for *Organization of Chinese Americans*, Pittsburgh PA
- Urban Land Institute – Hines Student Competition 2017, Chicago IL
- "VSL: Value of Statistical Luggage" for Civil Systems Investment Planning final project
 - o Analysed the baggage data for major US airports to determine the reason for lost baggage using Decision Suite in Excel and recommended feasible solutions to counter the problem

Research Assistantship

- Energy modelling of Washington & Jefferson College (National Academy of Science funded project)
 - o Analysed Energy consumption of 2 buildings of Washington & Jefferson College
- Developing a Marketing Strategy for one of the members in American Institute of Architects

R V COLLEGE OF ENGINEERING, Bangalore KA, India

BE Civil Engineering | GPA: 8.79/10

May 2015

Projects

- Signal Time Optimization:
 - o Conducted traffic volume counts at 3 consecutive junctions and developed an optimized signal cycle time conforming IRC guidelines
- Extensive Survey Project
 - o Conducted a survey in a village and analysed surveyed data to propose a new tank project, highway design and integrated environmental engineering projects
- Internship: Design of "Bangalore International Exhibition Centre" at Sterling Engineering Consultancy Services, IN
- Competition: Winner of Zonal Level "Bridge Design" competition conducted by IIT Bombay, IN

INDEPENDENT COURSEWORK (Coursera)

- o "Introduction to Finance: Valuation and Investing", University of Michigan.
- o "Introduction to Ableton Live", Berkley College of Music.
- o "Financial Engineering and Risk Management I", Columbia University.