

EDUCATION

University of Southern California, Viterbi School of Engineering
Masters of Science, Engineering Management | **GPA: 4.0**

Expected: May 2017

- **Coursework:** Data Warehousing, Business Intelligence and Data Mining, Project Management, Financial Accounting Analysis, Enterprise Wide Systems, Management of Engineering Teams, Decisions and Statistics

Walchand College of Engineering, Shivaji University, India

May 2015

Bachelors in Technology, Computer Science and Eng. | GPA: 3.38

- **Coursework:** Design and Analysis of Algorithms, Software Engineering, Pervasive Computing, Engineering Economics

TECHNICAL SKILLS

Software: Tableau, SAP ERP, Crystal Ball, JMP, MS Project, Oracle Xpress 10g, Visual Studio, Weka, MS Office, Eclipse

Languages: SQL, Java, C#, HTML, PHP, C, C++, JavaScript, CSS (Novice), JSP

Online Courses: Power Searching with Google, Entrepreneurship (University of Maryland: Coursera)

Certification: SAS Certified Predictive Modeler Using SAS Enterprise Miner 13

EXPERIENCE

e-Services Intern – SoCalGas, Los Angeles

Jul' 16 - Current

- Enabled Intelligent Support in OpinionLab tool, analyzed 3500 feedbacks to uncover problems in 'My Account' portal
- Identified gaps in existing analytics framework, proposed solutions to bridge them in Customer Strategy Department

Grader – University of Southern California

Jan' 16 – May 16

- Courses: ISE 500: **Decisions and Statistics**, ISE 544: **Management of Engineering Teams**
- Set criteria, and grade assignments and homework; monitor discussion boards and provide weekly feedback

ACADEMIC PROJECTS

ERP Simulation Game for Muesli Manufacturing Company

Aug' 15 – Nov' 15

- Executed cash-to-cash business cycle on SAP R/3 platform, with make-to-stock approach
- Performed planning, procurement, production, sales, marketing, inventory management and accounting using MM, PP, SD and FI modules; formulated marketing strategy, achieved and maintained productivity of 85%

Management of Engineering Team Project

Aug' 15 – Nov' 15

- Acquired leadership and team building foundation concepts and applied tools and techniques to motivate teams, manage conflicts effectively and give constructive criticism by SBI feedback
- Implemented forming-storming-norming-performing techniques, used MBTI to build productive teams, led a team of 5 for globe-trotting project; walked through four other projects in a multi-cultural environment

Data Driven Analysis of TESLA MOTORS

Sept' 15 – Nov' 15

- Researched, analysed and presented Tesla's culture, history, financial status, revenue, market trends and business strategy in terms of competitors; applied statistics for decision making with partial information in uncertain environment
- Using Excel, charted data distributions, performed estimations, hypothesis testing and ANOVA

Behavior Analysis and Exit Management (Sponsored)

Jan' 15 - May 15

- Classified behavior in crowded events, using EmguCV in C#, achieving 97% accuracy for panic category
- Tracked public motion with optimised performance; notified the event attendees about congestion in exits, maximizing infrastructure throughput

LEADERSHIP EXPERIENCE

Associate Board Member, Engineering Management Student Association (EMSA)

Nov' 15 - Current

- Connect students with alumni; organize information sessions and mixers

Senator (ISE), Viterbi Graduate Student Association (VGSA)

Sept' 15 – Jan' 16

- Act as a liaison between graduate office and ISE department students; express student concerns and implement resolutions

COMPETITIONS

Finalist – Marshall Datathon 2016

Mar' 16

- Performed statistical modelling, predictive analytics and business insights for Paramount Pictures, Inc.

Masters of Engineering Management Program Consortium - Business War Simulation Game

Feb' 16

- Developed business strategy and decisions for an automobile firm