

Eeshaan Asaikar

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OBJECTIVE - To obtain a position in Supply Chain Management where I can apply my problem solving, communication and leadership skills through challenging analytical & continuous improvement roles, while working on a diverse set of projects.

EDUCATION

M.S Industrial Engineering, North Carolina State University (NCSU); Raleigh, NC; **GPA: 3.72**

Aug '11 – May '13

B.E (Hons.) Mechanical Engineering, BITS, Pilani - Dubai; UAE; GPA: 7.17/10

Aug '07 – Jul '11

RELATED COURSEWORK

Production Planning, Scheduling and Inventory Control; Network Flows; Operations Research; Experimental Statistics; Automated Systems; Project Management; Manufacturing Engineering; Database Applications (SQL); Engineering Economics

WORK EXPERIENCE

Project Trainee, Mahindra & Mahindra Ltd., Mumbai, India

Jul '12 - Aug '12

- Diagnostic process mapping of Supply Chain components for identifying opportunities in Automation
- Processes covered include Plant SCM/Production Planning, Strategic Sourcing, Central Production Planning, Sales Planning and Demand Chain Management.
- Recommendations & illustration of feasible solutions using RF Barcoding, Integer Programming & SAP integration
- Developed & demonstrated a mathematical model for production capacity allocation & outbound logistics plan. Optimal-cost network planning at product variant level done for multi-plant - multi-stock yard transportation grid.

Intern - Service & Customer Support, Siemens LLC, Dubai, UAE

Feb '11 - Jul '11

- Worked with a team of over 50 people as a part of the Service and Customer Support department at the Industry Automation and Drive Technologies (IADT) Division.
- Duties included field visits to over 40 customers across the UAE for documentation of install base and fault resolution in IADT product families; including SIMATIC, SINAMICS, FLENDER and MOTOX products.
- Filed a detailed project report at the end of 6 months on failure modes of MOTOX Geared Motors based on data collected, for future strategic planning in QA operations.

Summer Intern, Al Nabooda Automobiles, Dubai, UAE

Jun '09 - Jul '09

- Worked with a team of 20 people at the Vehicle Diagnostics and Testing Division of the Audi Service Center.
- Carried out Guided Fault Finding and on-line troubleshooting operations on vehicles.
- Collected and compiled weekly data summaries for minimizing queue time at service stations.

PROJECTS UNDERTAKEN

"Demand Forecasting using Winters' Trend & Seasonality Model", NCSU, Raleigh, NC

Aug '11 – Dec '11

Obtained time-series regression for minimizing standard deviation of residuals using heuristic data. Minimized average forecast error and standard deviation error for forecast data obtained.

"New Product Development of a Class I Medical Device", NCSU, Raleigh, NC

Jan '12 – Mar '12

Carried out concept generation & integration through morphological charts. Concept selection was done using weighted comparison of engineering attributes. Animation of final product design was done using SolidWorks 2011. Key design methodologies used: Quality Function Deployment (QFD), DFMA, FMEA

"Effects of Lean Manufacturing – A software representation", BITS, Pilani - Dubai, UAE

Sept '10 – Dec '10

Simulated the effects of Lean tools on projected ROI & product revenues of a medium-sized manufacturing firm. Used C++ class inheritance for formulating Activity Based Costing (ABC) model using empirical data. Analyzed effects of lead time reduction in value stream. Achieved consistent overhead reduction in the range of 8-12% for each improvement operation.

"Drum Pedal Mechanics", BITS, Pilani - Dubai, UAE

Sept '09 – Dec '09

Manufactured the working model of a bass drum pedal using lathe, arc welding and milling operations. Demonstrated the use of ball bearings, helical springs and horizontal shafts using final assembly. Performed stress analysis on components of final model using CATIA v5.

SELECTED ACTIVITIES

- *Part-time Volunteer*, The Unforgotten Fund, Inc. (2012 - present)
- *Summer Volunteer*, Bharatiya Agro-Industries Foundation, Pune, India (2007)
- *Vice-president*, Music Club at BITS, Pilani - Dubai. (2010, 2011)
- *Bass/Rhythm Guitar player* for Dubai-based rock band, "The 2nd Floor". (2009-2011)