

CHANDRASHEKAR KONDA

EDUCATION

DEGREE	Masters in Analytics		
PERIOD	July 2014 — June 2015(Expected)		
UNIVERSITY	University of San Francisco	San Francisco, CA	
DEGREE	Masters in Industrial Engineering & Operations Research		
PERIOD	July 2000 — January 2002		
UNIVERSITY	Indian Institute of Technology - IIT	Bombay, India	
GPA	8.76 out of 10		
DEGREE	Bachelors in Production and Industrial Engineering		
PERIOD	July 1994- July 1998		
UNIVERSITY	Andhra University	Visakapatnam, India	
PERCENTAGE	73.96%First class With Distinction		

ANALYTICS EXPERIENCE & ACHIEVEMENTS

- Developed Decision Support Systems(DSS) user specifications for ground handling operations of Dubai International Airport (One of the busiest airports in the world).
- Designed dashboards for monthly review of dnata Airport Operation's organization performance
- Developed dashboard to identify the status of manpower in the Emirates group. This dashboard will give a snapshot of current status of manpower, manpower at various stages of recruitment.
- Developed software requirement specifications for decision support systems (DSS) application for air cargo terminal operations monitoring and improving productivity
- Successfully completed analytics related online courses on Coursera

AREAS OF EXPERTISE

- 10+ years of experience in manufacturing and service (airport and air cargo) industry
- Resource (Manpower and Equipment) /Business planning
- Preparing what-if scenarios during business planning
- KPI based Budgeting of airport & air cargo operations at Dubai International airport

· K.CHANDRASHEKAR (CHANDRA) ·

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- Developing efficient and optimized rosters for various operational areas in air cargo terminal and airport
- Establishing Performance standards (KPI) and measurement
- Project management of Improvement projects, IT projects and Investments
- Productivity/Service Level Improvement
- Operations research techniques (Forecasting, optimization, simulation)
- Industrial Engineering techniques (time study, method study, six sigma)
- Financial analysis of investments
- Experience in using SAS enterprise guide for forecasting and INFORMS Resource Management Suite for airport resource management
- Leading cross-functional productivity/service improvement teams
- Liaising with senior management during annual business planning and critically reviewing the requirements

ACHIEVEMENTS

- Successfully completed Ground support resource utilization improvement project. As part of this project, improved business processes in service delivery, analyzed and improved equipment utilization, implemented real-time allocation of resources and developed efficient rosters that resulted in reduction of over time by 60%. Emirates airlines saves \$2 billion per year by using ground support equipment while air-crafts are on ground
- Implemented automated staff leave planning application for dnata airport operations staff
- Developed framework for decision support system for airport operations
- Lead member of the consulting team to conduct market analysis, review of terminal layouts for one of the airports in middle east
- Developed forecasting model co-relating air cargo growth with GDP growth
- Achieved +/-3% forecast accuracy of cargo volumes thereby improving air cargo terminals' productivity
- Achieved 67% reduction in cargo delivery time at one of the cargo terminals using six sigma techniques
- Established and monitored Key Performance Indicators for various processes in airport and air cargo operations
- Prepared baggage services operations plan and resource plan for Concourse-2 at Dubai airport

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- Successfully implemented Resource Management Systems (www.inform-software.com) for dynamic allocation of resources in baggage services division of Dubai airport.
- Led and successfully implemented IT projects aimed at staff attendance automation projects
- Developed layouts and successfully submitted feasibility reports for steam turbine test plant (worth \$25 million) and pulverizers' plant (worth \$1.5 million) expansion
- Presented two research papers at Asia-Pacific operations research society (APORS) conference
- One of the top 5 students of class during Bachelors (Andhra University) and Masters degree program (IIT Bombay)

WORK EXPERIENCE

JOB TITLE	Business Improvement Controller		
EMPLOYER	dnata Airport Operations (Emirates Airlines Group)		Dubai, U.A.E
PERIOD	November 2011 — July 2014		
JOB TITLE	Planning & Development Controller		
EMPLOYER	dnata Cargo (Emirates Airlines Group)		Dubai, U.A.E
PERIOD	November 2007 — November 2011		
JOB TITLE	Resource Planning Officer		
EMPLOYER	dnata Airport Operations (Emirates Airlines Group)		Dubai, U.A.E
PERIOD	October 2005 — November 2007		
JOB TITLE	Planning & Industrial Engineer		
EMPLOYER	Bharat Heavy Electricals Limited		Hyderabad, India
PERIOD	September 2002 — October 2005		
JOB TITLE	Graduate Engineer		
EMPLOYER	Sterlite Industries Limited		Silvassa, India
PERIOD	March 1999 — June 2000		

RESEARCH EXPERIENCE

JOB TITLE	Research Assistant		
EMPLOYER	Industrial and Research Consultancy Center, IIT Bombay India		
PERIOD	February 2002 — August 2002		

RESEARCH PAPERS

- [1] **Chandrashekar Konda**, N.Hemachandra, Narayan Rangaraj, *Timing of Discount offers for Perishable Inventories*, Asia-Pacific Conference APORS-2003, New Delhi

- [2] Narayan Rangaraj, Abhiram Ranade, Kannan Moudgalya, **Chandrashekar Konda**, Rajesh Naik and Mitali Johri, *Train simulation software*, Asia-Pacific Conference APORS-2003, New Delhi

SKILLS

Computer Languages	Python, R, C,C++,Java, HTML
Packages	Weka (Data Mining Package) Ground star (INFORMS Resource Management Software) SAS (Enterprise Guide) MS- Office, MS- Project, MS- Access, Advanced Skills with MS-Excel
Operating Systems	Ubuntu, Windows, Mac

ON-LINE COURSES RELATED TO DATA SCIENCE

Course	University	Status
Learn to Program: The Fundamentals	University of Toronto	Completed
Passion Driven Statistics	Wesleyan University	Completed
Statistics: Making Sense of Data	University of Toronto	Completed
Computing for Data Analysis	Johns Hopkins University	Completed
Data Mining with Weka	University of Waikato	Completed
Statistics One	Princeton University	Completed
An Introduction to Interactive Programming in Python	Rice University	Completed
Data Analysis	Johns Hopkins University	Completed

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