

RAKA SANDELL

PROFESSIONAL EXPERIENCE

Campus Advantage

2014 to present

Vice President, Business Operations and Program Management

- Spearheaded the creation of the first-ever Program Management Office for the company, reporting directly to the CEO
- Implemented broad spectrum of BI tools and field engagement applications
- Defined project management processes for all departments of the company and standardized processes leading to operational improvements/efficiencies and significant cost reduction
- Managed raise of several hundred million dollars of capital for real estate development
- Managed execution of several projects including an international project with a University in Vladivostok, Russia

Inventes – Austin, Texas

2005 to 2010

Project Manager at Dell

- Developed requirements for a next generation enterprise wide Order Management System
- Led cross-functional team across supply chain to brainstorm requirements and developed use-case scenarios; Worked with company-wide experts to develop consensus

Motorola, Inc. (now Freescale, Inc.)

2001 to 2003

Senior Manufacturing Systems Analyst

- Managed production planning and real-time wafer and raw material scheduling to meet critical factory performance metrics around cycle time, inventory, and product cost
- Developed simulation and queuing theory based models to analyze capital cost vs. inventory as a key input into specification of next generation of manufacturing processes

Northrop Grumman, Inc. – Dresden, Germany

1999 to 2001

Program Manager (AMD's next generation factory)

- Implemented qualification processes for introduction of new equipment and materials ramp into factory – reduced fab startup time for equipment from four weeks to less than one week
- Managed team that developed software for equipment test and qualification

Motorola Inc.

1995 to 1999

Supply Chain Solutions Architect

- Member of core team that defined business and software requirements for next generation supply-demand planning for the \$9B semiconductor business – business processes developed impacted every portion of the supply chain
- Defined interfaces with BOM databases, product data and business processes in SAP

- Conducted multiple training classes, demos, role-playing sessions on new software tools and business processes for supply-demand match planning and execution

Manufacturing Engineer – MOS 12 factory

- Managed daily production plans and product shipment schedules for a \$1B facility
- Responsible for tactical factory floor production control for materials, WIP inventory and consumable materials to meet targets for cost, inventory, lead time, and on-time-delivery
- Received Best On-Time Delivery Performance Award for three successive quarters

SEMATECH, Inc. – Austin, Texas

1994 to 1995

Analyst – Factory Modeling Solutions

- Analysis of production planning rules and their impact on cycle time and WIP inventory
- Worked with major industry players on the timeline for adoption of 300mm wafer size
- Developed models correlating waiting times for in-process wafers and yields – potential for 5% reduction in scrap rates

EDUCATION

University of Dallas

Expected 2002

DBA Candidate

University of Texas, Austin, TX

1993 to 1995

MS – Operations Research and Industrial Engineering

Delhi Institute of Technology, Delhi, India

1989 to 1993

BS – Electrical Engineering & Instrumentation

Project Management Institute (PMI)

2013

PMP Certification

PUBLICATIONS

“Correlation between yield and waiting time: A quantitative study” Electronics Manufacturing Technology Symposium, 1995. 'Manufacturing Technologies - Present and Future', Seventeenth IEEE/CPMT International

“Evaluation of Lot Release Policies for Semiconductor Manufacturing Systems”, Proceedings of 1996 Winter Simulation Conference, Coronado, USA; pp 1014-22

“A hierarchical approach to cost analysis for next generation semiconductor processes”, Advanced Semiconductor Manufacturing 2002 IEEE/SEMI Conference and Workshop

AWARDS & CERTIFICATIONS

- Employee of the year at Campus Advantage – 2017
- APICS Certification
- ITIL Certification
- Certified yoga instructor
- Active volunteer at Miracle Foundation – non-profit that operates orphanages