

Guru Pundoor

San Francisco Bay Area, CA

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Analytics and technology professional at the intersection of business, data science and technology with 15+ years of industry experience driving supply chain innovation and transformation. PhD holder, experienced in building data science teams to define business opportunities and drive product, capability and technology development. Adjunct faculty for analytics and supply chain management at UC Davis. Key note speaker at top tier conferences.

PROFESSIONAL EXPERIENCE

American Eagle Outfitters, San Francisco, CA/Pittsburgh, PA

Vice President, Supply Chain Data Science, Analytics and Strategy

Aug 2019 – Current

- Reporting to the Chief Supply Chain Officer, transform AEO's supply chain through data and technology
- Build data science team to bring in analytics, machine learning and data driven decision making rigor to supply chain. Lead and deliver findings to product capabilities and technology roadmap
- Lead inventory optimization, supply chain analytics & optimization, customer promise, supply chain strategy and operations excellence pillars
- Enhance existing supply chain technology, improve adoption of data based decision making and build new capabilities through micro-services to optimize supply chain
- Define and launch initiatives such as localized fulfillment centers, ship from store strategy, optimized rate shopping and sourcing and 2-day/same-day delivery
- Interim management of inbound function with overall ownership of the flow of all inbound units from international vendors to the US and Canada distribution centers

University of California - Davis, Davis, CA USA

Adjunct Faculty, Graduate School of Management

Sep 18 – Aug 19, Sep 21-Current

- Lecturer for Master of Science in Business Analytics program (2018/19)
- Lecturer in operations management for Executive MBA (2021)

Target Corporation, Sunnyvale, CA USA

Senior Director, Inventory Optimization and Strategy

April 2017 – Aug 2019

- Define and grow brand new data science and optimization team focused on inventory strategy
- Hire analytics/data science talent in the US and India and mentor the team to operate at the intersection of business and analytics
- Collaborate with technology and operations teams to drive efficiency in Target's supply chain
- Work closely with executive leadership to align inventory strategy with company's overall strategy balancing guest experience, profitability and supply chain costs
- Key accomplishments: reduction in ship expenses, improvement in inventory health at DCs, introduction of "flash sales" driven by data to reduce unproductive inventory

San Jose State University, San Jose, CA USA

Adjunct Faculty, School of Global Innovation and Leadership

January 2016 – June 2018

- Lecturer for undergraduate business majors and MBA program
- Teach courses in the area of operations and supply chain management

Walmart Global eCommerce, San Bruno, CA USA

Director, @Labs: Strategy, Analytics and Product Management (Supply Chain)

June 2015 – April 2017

- Provide thought leadership in defining the eCommerce technology strategy for the company
- Define, architect and deliver order sourcing and available to promise engines for eCommerce
- Launch sourcing and fulfillment technology to enable 2-Day delivery
- Drive initiatives that combine pricing, inventory and omni-channel strategies for the company

Walmart Global eCommerce, San Bruno, CA USA

Senior Manager/Principal Scientist, Supply Chain Strategy

August 2013 - June 2015

- Work on eCommerce supply chain strategy initiatives
- Architect and deliver “Shared Buy” with Walmart stores and integrated fulfillment with Sams Club which formed the seeds for Walmart multi-tenant fulfillment roadmap
- Work with Walmart and Sam’s Club store strategy teams to integrate the physical and digital roadmap
- Collaborate with real-estate, finance and industrial engineering teams to implement strategy initiatives

IBM Corporation, San Jose, CA USA

Technical Account Manager

September 2012 - July 2013

- Provide technical expertise to IBM sales teams to identify and progress supply chain software sales
- Work with the client to translate requirements to software and consulting recommendations
- Build proof-of-concept models to demonstrate and sell IBM supply chain software capabilities
- Engage with IBM professional services teams to develop project delivery plans

ILOG (acquired by IBM), San Jose, California

Sr Consultant / Solution Architect - Optimization & Supply Chain Applications

April 2007 - August 2012

- Engage with the client in opportunity identification, project planning and delivery
- Deliver strategy engagements for network design, inventory optimization and transportation planning
- Engaged in supply chain network transformation initiatives for companies such as TJ Maxx, Shell Oil, DHL and Samsung
- Work with IBM supply chain and optimization product teams to provide feedback on product roadmaps

FedEx Express, Memphis, Tennessee

Operations Research Analyst

June 2005 - April 2007

- Develop and deploy a courier scheduling and optimization application to schedule FedEx courier workforce
- Work with FedEx Services organization to build sales territory assignment tools for the field sales teams

SELECTED PUBLICATIONS

- Chen, M., Chen, Z-L., Pundoor, G., Acharya, S., Yie, J., *Markdown optimization at multiple stores*, IIE Transactions, Vol. 47, 1-25, 2015
- Chen, Z-L and Pundoor, G., *Integrated order scheduling with packing*, Production and Operations Management, Vol. 18, 672 - 692, 2009
- Chen, Z-L and Pundoor, G., *Order assignment and scheduling in a supply chain*, Operations Research, Vol. 54(3), 555-572, 2006
- Bodin, L. et al , *Federal Express Sort Facility Employee Scheduling Problem*, Perspectives in Operations Research, (F. B. Alt, M. C. Fu, and B. L. Golden, eds.) Springer, 333-350, 2006
- Pundoor, G and Herrmann. J.W., *A hierarchical approach to supply chain simulation modeling using the Supply Chain Operations Reference model*, International Journal of Simulation and Process Modeling (IJSPM), Vol. 2, 124-132, 2006
- Pundoor, G and Chen, Z-L., *Scheduling a production-distribution system to optimize the tradeoff between tardiness and distribution cost*, Naval Research Logistics, Vol. 52(6), 571-589, 2005
- Frommer, I., Golden, B., Pundoor, G., *Heuristic methods for solving Euclidean non-uniform Steiner tree problems*, The Next Wave in Computing, Optimization, and Decision Technologies (B. L. Golden, S. Raghavan, and E. Wasil, eds.), Springer, 133-148, 2005
- Frommer, I and Pundoor, G., *Small-Worlds: A review of recent books*, Networks, Vol. 41(3), 174-180, 2003

EDUCATION

Ph.D., Management Science, R.H. Smith School of Business (2005)
University of Maryland, College Park

M.S., Systems Engineering, Institute for Systems Research (2002)
University of Maryland, College Park

B.Tech., Mechanical Engineering (2000)
Indian Institute of Technology, Madras, India