

JUNLING HU

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Summary

- More than 12 years of technology management experience.
- Comprehensive knowledge of Internet business.
- Leading expert in data mining and machine learning.

Experience

EBAY Inc. · San Jose, CA

Principal Data Mining Lead · May 2010 – Present

- Lead a team of researchers and engineers to build analytic platform for business units.
- Lead research and development on machine learning and text mining on large-scale structured data and unstructured data (text).
- Lead projects on extracting inventory intelligence and user behavior insight.
- Provide vision, technical roadmap, and mentoring to team members
- Leverage large-scale data platform: Hadoop, Teradata
- Build a team through active recruiting of top talents in data mining and machine learning
- Organize machine learning forum for the whole company

ROBERT BOSCH CORP., RESEARCH CENTER · Palo Alto, CA

Manager of Data Mining · August 2006 – April 2010

- Lead data mining group at Bosch. Define project scope, technical challenge and requirements; Promote the project to the upper management
- Work with business units to collect requirements; Mentor team members and manage project progress.
- Lead R &D activities: Handle large-scale data from the telemedicine business unit. Investigate Hadoop platform, develop new machine learning methods to handle time-varying data to make prediction on patient condition. Design Natural language dialog systems for in-car local search based on web services
- Create business plan, market study and budget analysis for a new business initiative.
- Co-chair of international workshop on natural language dialog system

ILIFECOACH.COM · Menlo Park, CA

Founder and CEO · July 2003 – July 2006

- Built an Internet startup that provides online personal coaching to consumers.
- Created the first comprehensive online service for personal coaching, which combines community, content, and personal management tools.
- Oversee the full-cycle of product development: Market assessment, requirement gathering, design, development, product launch and user support.
- Oversee online marketing campaign.
- Recruit and attract talents to the team
- Created business plan and presented to top-tier VC firms

UNIVERSITY OF ROCHESTER, SIMON SCHOOL OF BUSINESS · Rochester, NY

Assistant Professor · July 2000 – June 2003

- Lead research group on machine learning, natural language processing, and dynamic pricing
- Supervise Ph.D. and MBA students., and teach classes on E-Commerce, information systems and pricing strategies.

Previously served as Research Assistant with University of Michigan Artificial Intelligence Lab.

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Honors & Awards

- National Science Foundation Career Award
- Sloan Fellowship for distinguished women in engineering.

Professional Activities

- Invited Talks:
 - “Large-Scale Supervised Learning”, ACM Data Mining Camp, 2010
 - “Reinforcement Learning in Multi-agent Systems”, Stanford University, 2003
- Reviewer:
 - National Science Foundation* grant review panel
 - Machine Learning*
 - Journal of Machine Learning Research*
 - Journal of Artificial Intelligence Research*,
 - IEEE Transactions on Computers*, *IEEE Transactions on Neural Networks*
 - IEEE Transactions on Systems, Man and Cybernetics*
 - Speech Communication*
 - Electronic Markets*
- Co-Chair: Workshop on Bridging the Gap of Academic and Industrial Research on Dialog Technologies, in NAACL-HLT, Rochester, NY, April 2007
- Program Committee: The Second International Joint Conference in Autonomous Agents and Multiagent Systems (AAMAS-03)
- Invited workshop participant:
 - Workshop on Artificial Intelligence and Interactive Entertainment, 2002

Publications and Expertise

- Conference papers presented in: *KDD (Knowledge discovery and Data Mining)*, *ICML (International Conference on Machine Learning)*, *AAAI (Artificial Intelligence)* and *EMNLP (Empirical Methods of Natural Language Processing)*,
- Journal papers appeared in *Journal of Machine Learning Research*, *Machine Learning*
- Google scholar citation: 500 for one paper
- Extensive knowledge of machine learning: Supervised, semi-supervised, and unsupervised learning
- Applied Solution: E-commerce, search, advertising, business intelligence and recommendation systems
- In-depth knowledge of computer systems: Databases, various programming languages, Statistical tools, and Web servers

Education

Ph.D. Computer Science	University of Michigan, Ann Arbor, MI.	Area: Machine Learning
M.S. Computer science	University of Michigan, Ann Arbor, MI	
Ph.D. candidate Economics	University of Michigan, Ann Arbor, MI	
M.S. Economics	Florida State University	