

Justin (Xuanqi) Yang

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EDUCATION

University of California, Berkeley , Berkeley, CA	May 2016
<i>Master of Engineering</i> , Industrial Engineering & Operation Research	GPA: 3.75/4.00
University of Michigan , Ann Arbor, MI	May 2015
<i>Bachelor of Science, Engineering</i> , Industrial and Operation Engineering	GPA: 3.55/4.00
University College London , London, UK	Oct 2013 - Jun 2014
<i>Affiliate Exchange Student</i> . Mechanical Engineering	

CONSULTING WORKING EXPERIENCES

McKinsey & Company

<i>PTA, Travel, Transport & Logistics, Shanghai, China</i>	Jun 2015 - Aug 2015
<ul style="list-style-type: none">Conducted market research on the decentralized logistics market and narrowed the targeting segment to 65% of the 1000 billion RMB total market by interviewing internal and external expertsConstructed strategic hypotheses about competitive advantages and customer segmentation, and verified by researchInvolved in O2O product development and designed the online transaction logics including an auction matching systemBuilt the business model for the O2O business startup aiming to make 600 million RMB in five yearsLed client IT team to design the UX/UI of the O2O product	
<i>PTA, China Sourcing Center, Shanghai, China</i>	Jun 2014 - Aug 2014
<ul style="list-style-type: none">Enhanced McKinsey global clients' procurement in Asian market by conducting cold calls and market researchesInitiated the contacts between potential suppliers and our clients, and unblocked the communication pipeline involving translation and international conference calls	

LEADERSHIP EXPERIENCES

Online Marketplace for Manufacturing	Sep 2015 - Apr 2016
<i>Capstone Engineering Team Leader, Siemens Research Lab, Berkeley, California</i> <ul style="list-style-type: none">Design an online marketplace for customers to get quotes for customized furniture productionImplemented an auction to enable manufacturers quote instantly with Siemens' production cost estimation TechnologySimulate and visualize the design flow	
Manufacturing Inventory System Improvement	Jan 2015 - Apr 2015
<i>Engineering Student Team, VICO Products, Plymouth, Michigan</i> <ul style="list-style-type: none">Led the team to evaluate the current inventory system and determine the non-value added wastes in the value streamDeveloped a new inventory barcode control system and inventory flow logics to save the company \$19,000 annually	
Restaurant Operation Optimization and Workplace Design	Jan 2015 - Apr 2015
<i>Engineering Student Team, Ann Arbor, Michigan</i> <ul style="list-style-type: none">Cooperated with servers to evaluate the current serving performance in queuing time by simulation using ProModelOptimized the queuing length based on the simulation and the sensitivity analysis of process parametersDesigned a new workplace layout to decrease the workers' fatigue and save 7% of the serving time	

TECHNICAL SKILLS & LANGUAGES

- Programming / Data Mining / Simulation Tools: VBA, C++, Matlab / SQL, Minitab / ProModel, SIGMA, Sketchup
- Other Technical Concentrations: Lean Manufacturing, Data Mining, Supply Chain Simulation, Ergonomics
- Languages: Mandarin, English

OTHER EXPERIENCES

Hospital Value Stream Mapping	Sep 2014
<i>Lean Manufacturing and Services Strategy, Ann Arbor, Michigan</i> <ul style="list-style-type: none">Created current state map for hospital serving process by analyzing the information and resources flowsDrew future state map by applying lean concepts such as SIPOC, 5S, Pull System, and Kanban	
Schneider Electric	Jul 2013 - Sep 2013
<i>Digital Energy System Innovation Internship, Asia-Pacific Operating Division, Beijing, China</i> <ul style="list-style-type: none">Customized the Energy Management System platform UI and infrastructure for real estate customersPrepared the user guide and other launching documents for the new platform	