

JOANNE XIAO

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SUMMARY

- Transitioning to product/program management with a Master's Degree in Engineering Management and focus in business and data analytics, building on 5+ years engineering design and management experience
- 5+ years of experience delivering cross functional engineering projects at scale across 7 industries globally; 3+ years of experience in managing and coordinating with 5 departments of tech & non-tech co-workers in large global company
- Generated \$4M+ revenue and saved \$1M+ design cost for company thru effective strategic planning and communications

PROFESSIONAL EXPERIENCE

SAP, Durham, NC	Product Management Student Consultant	09/2010 – Current
<ul style="list-style-type: none">Discover, define and document features to be improved for pre-launch MVP based on gamification to drive mass adoption		
Talespin, Los Angeles, CA	Student Consultant	08/2010 – Current
<ul style="list-style-type: none">Recommend most promising 5-year strategic plans for monetization and UX improvement of pre-launch AR/VR productPrioritize value exchanges by empathizing different personas, market analyzing and positioning to develop product roadmaps		
Ghafari Associates, Dearborn, MI	Mechanical Engineer	10/2016 – 08/2020
<ul style="list-style-type: none">Led and designed 10+ cross functional engineering projects across industries, generating \$4M+ revenue and saving \$1M+ design costManaged and coordinated with 5 departments (10+ people, technical and non-technical), estimating budget, scheduling, and strategically prioritized design sequences, saving 50% of company's budgeted hours (est. \$600k+) on one projectCommunicated and articulated complex engineering solutions weekly with customers & contractors through visualization of complicated 3D models, saving \$6M+ capital costs in construction and operation costs by improving operation efficiency by 1000+%Expanded company's commercial & real estate market by leading 27k ft² high-end building (went on cover of <i>Crane's Detroit Business</i>)		
The University of Texas at Austin, Austin, TX	Undergraduate Tutor	01/2014 – 05/2014
<ul style="list-style-type: none">Instructed course in coding and algorithms (MATLAB & Fortran 95), supporting class to achieve average grade of 90% 'A'		
Lin Heng Investment & Development Co., Ltd., China	Project Management Intern	07 – 08/2013, 12/2013 – 01/2014
<ul style="list-style-type: none">Oversaw construction works of contractor on 6m ft² Ling Heng Center Mall and affiliated residential buildingsMaintained effective supply chain management during construction and delivery project designs and requirements		

VOLUNTEER & LEADERSHIP

Duke MEMPDC Product Management Club	Executive Board Member	09/2020 – Current
<ul style="list-style-type: none">Plan and organize guest-speaker lectures to educate students on product management frameworks and interviewing tips		
Duke MEMPDC Creative Communications Club	Executive Board Member	09/2020 – Current
<ul style="list-style-type: none">Advertise MEM activities on social media platforms; host events to teach students professional and effective communication skills		
Detroit Chinese Alliance Church – New Journey Fellowship	Core leader	05/2019 – Current
<ul style="list-style-type: none">Establish networking platform for 250+ local young professionals; assist sourcing executive managers for professional eventsRaised \$12k+ and delivered 7845 PPEs to 7 hospitals and 20 doctors to mitigate PPE shortages during COVID-19 outbreak period		
UT Austin InterVarsity International Student Ministry	Core leader	08/2013 – 05/2016
<ul style="list-style-type: none">Planted new chapter tailored for international students (from 7 countries) and helped students overcome cultural shock		

SKILLS

Languages	Python, Java, SQL, Tableau, R, HTML, MATLAB, Fortran 95
Software & Tools	Microsoft Suite, Photoshop, Mural, Miro, Jira, Trello, 3D Modeling, Gamification, Agile Software Development
Multilingual	English (Fluent), Chinese (Mandarin & Cantonese, Native)

EDUCATION

Duke University

Master of Engineering Management, 2020-2021 (Expected Dec 2021)

Certificate AI Foundations for Product Innovation (Expected Dec 2021)

Course • Marketing • Consulting Practicum • Competitive Strategies • Data Sourcing for Analytics

The University of Texas at Austin

Bachelor of Science - Architectural Engineering, 2012-2016 (University Honors)

Major GPA: 3.52 /4.00

CREDENTIALS

US Green Building Council - LEED Accredited Professional, Building Design + Construction (AP, BD+C)	04/30/18 – Current
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INTERESTS

Teaching effective visual design with minimal effort; Christopher Nolan movies; singing (Church worship lead), dancing (Jazz, K-pop)