

XIAO GE

EDUCATION

Stanford University , Stanford, CA. PhD in <i>Mechanical Engineering</i> with focus on <i>Design Innovation</i>	01/2016 – PRESENT
Stanford University , Stanford, CA. M.S. in <i>Mechanical Engineering</i> with depth in <i>Design Methodology</i>	09/2010 – 04/2012
Harbin Institute of Technology (HIT) , Harbin, China. B.Eng. in <i>Spacecraft Design and Engineering</i> , <i>School of Astronautics</i>	09/2006 – 07/2010

WORK EXPERIENCE

Entrepreneur, researcher, Originators , China + supported to build up a hands-on creative learning environment for children since early 2013 + mainly engaged in designing programs and courses to “imagine, make, empathize” and the long-term research since Oct 2014; launched Originators in December, 2014	10/2014 - PRESENT
Innovation Specialist , Integrated and Disruptive Innovation Center, Siemens CT, Beijing, China + Developed and ran i.DT (Industrial Design Thinking) methodology and programs + Trained Siemens R&D managers and researchers with i.DT on 12+ R&D projects across various fields, incl. healthcare, energy, manufacturing, infrastructure & cities + Built and ran an i.DT community serving innovation-inspiring activities in Siemens + Researched on innovation topics, paper published; Collaborated with IDEO and Stanford	04/2012 – 04/2014
Data Specialist , LOCKSS Program based at Stanford University Libraries, Stanford, CA, US + Processed the ingesting, preserving and managing of contents from target publisher websites	04/2011 – 01/2012

DEPTH EXPERIENCE

Coach, Guest Lecturer , <i>Human-centered innovation and Design Thinking</i> , China + Coach mainly at University of Science and Technology of China, Beijing University of Technology, and Communication University of China	04/2012 - PRESENT
Designer , <i>Convenient Healthy Eating for New Moms</i> , Stanford, CA, US + Applied Design Thinking on creating a happy and healthy eating experience for new moms	01/2012 – 03/2012
Research Assistant , <i>Design PanaEVE Haptic Steering System</i> , Stanford, CA, US + Designed a haptic steering system focusing on the user interface for steer-by-wire automobile	07/2011 – 09/2011
Researcher , <i>Teach ASIMO ASL (American Sign Language)</i> , Stanford, CA, US + Designed a system for ASIMO humanoid robot to generate ASL hand gestures	03/2011 – 07/2011
Designer , <i>Design Configure-to-order Satellite Core Structure</i> , Stanford, CA, US + Designed a satellite’s core structure that dramatically improved satellite production process; teamed up with Universidad Nacional Autonoma de Mexico; sponsored by Lockheed Martin	10/2010 – 06/2011
Intern , <i>Study Thermal Performance of Open Refrigerator</i> , Universidade da Beira Interior, Portugal + Researched on the thermal performance of open refrigerated display cabinet; paper published	07/2009 – 10/2009

BREADTH EXPERIENCE

Alumni of IAESTE The International Association for the Exchange of Students for Technical Experience

Member of Beijing Makerspace

Volunteer as an active social participant, mainly in - Beijing Design Week 2012; IROS Conference 2011 (A top robotics conference); Society of Women Engineers Association at Stanford 2010 – 2012