

# Neng Qiao

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## EDUCATION

### University of California, Berkeley

Expected, May 2016

Master of Engineering, Industrial Engineering & Operation Research.

### University of Cincinnati (UC), Cincinnati, Ohio

May 2015

Bachelor of Science, Mechanical Engineering, Dual degree program, GPA 3.99/4.0.

### Shanghai Jiao Tong University (SJTU), Shanghai, China

May 2015

Bachelor of Science, Mechanical Engineering (Pilot Class), Dual degree program.

## EXPERIENCE

### The Shepherd Color Company/Mechanical Engineer

May 2013–Aug 2014

- Conducted 5S for Processing Water Area.
- Recorded work element time, made Pivot Table, and conducted standard work analysis for Packaging Area Lean.
- Designed labor-saving machine and led safety-enhanced projects including Repack Station, Top Platform Safety Gate and Hydrate Pan.
- Created or revised more than 400 Preventive Measurements for current equipment.
- Reduced the maintenance time and costs for Grey Color production process.

### SJTU Student Association of Science and Technology/Vice President

Sep 2010–Feb 2012

- Managed the membership recruitment and orientation.
- Directed the SMC Top Chinese University Design Competition, Bosch Technological Competition, and Caterpillar Green Imagine Competition.

## PROJECTS

### Marketplace for Manufacturing/Project File Manager

Oct 2015-Present

- Conducted market research & analysis on industry segments and market logic.
- Simulated the dealing process using Python & ProModel.
- Worked on building a user-friendly interface for the marketplace prototype.

### Medical Mini Submarine/Team Leader

Aug 2014 – May 2015

- Designed, fabricated, and tested a mini submarine prototype that was carried by saline flow and able to navigate throughout the saline flow system and take local impedance measurement in the flow system.
- Provided data to verify design concepts, established conditions for using the new sensors, tested components and overall set the stage for using sensors inside human body.

### Social Practice Project Team (A proposal on transportation between airports)/Presenter

Jun 2011-Sep 2011

- Conducted surveys, personal interviews & field research on existing transportation solutions.
- Analyzed data results of the surveys and calculated operational costs for the enclosed bus system.
- Presented the project in the Knowledge Cup and finished feasibility report.

## PUBLICATIONS

Neng Qiao, Zicheng Cai, Haoyu Wang, Gong Cheng, Yuezhou Liu, "A proposal on transportation problem between two airports in Shanghai", Air Transportation & Business, journal , Sept. 2011.

## SKILLS & HONORS

MS Excel, PowerPoint, UNIGRAPHICS NX, AUTOCAD, MATLAB, and MP2. Speak fluent Mandarin and English.

1<sup>st</sup> in Knowledge Cup –Shanghai Social Practice Project Competition.

Outstanding Student in School Of Mechanical and Power Engineering in SJTU (3%).

School Of Mechanical and Power Engineering Scholarship for top performing students (5%).

UC Global Scholarship.