

CONTACT INFORMATION **Email :** IrvingMeng@outlook.com
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 Seattle, WA, 98115



EDUCATION **University of Washington** **WA, USA**
 Ph.D. Candidate Industrial and System Engineering *Sep 2015 - present*
 GPA : 3.7/4.0

University of Science and Technology of China **Hefei, China**
 B.S. Mechanical Engineering *Jun 2015*
 GPA : 3.78/4.3 (Rank : 3/61)

- HONORS
- Teaching Assistant, University of Washington, 2016-2018
 - College of Engineering Dean's Fellowship, University of Washington, 2015-2016
 - Samsung Scholarship , University of Science and Technology of China, 2014-2015
 - National Encouragement Scholarship, University of Science and Technology of China, 2013-2014
 - First prize in the Challenge Cup, USTC, 2013
 - National Encouragement Scholarship, University of Science and Technology of China, 2012-2013
 - 1st place in RoboGame Robot Competition, USTC, 2012

PUBLICATIONS Huang, Y., **Meng, Q.**, Evans, H., Lober, W., Cheng, Y., Qian, X., Liu, J. and Huang, S., 2017. CHI : A contemporaneous health index for degenerative disease monitoring using longitudinal measurements. Journal of biomedical informatics, 73, pp.115-124.

Meng, Q. and Simge, K. , Use mixed-integer optimization to select features under trace ratio criterion combining redundancy constraints and prior knowledge. **[In progress]**

SELECTED COURSES (GRADUATE-LEVEL)

Machine Learning	Machine Learning ; Big Data ; Artificial Intelligence ; Graphical Model ; Non-parametric Process ; Markov Decision Process
Optimization	Linear, Integer Programming ; Convex, Global Optimization
Statistics	Statistical Inference ; Statistical Computing ; Time Series
Quality Engineering	Quality Control ; Design of Experiments

- SELECTED PROJECT
- Probability and Statistics for Engineers ; Spring, Summer 2017, Winter, Spring 2018
 - Linear and Network Programming ; Autumn 2016, Autumn 2017
 - Fundamentals of Engineering Economy ; Winter 2016

- TEACHING EXPERIENCE
- Probability and Statistics for Engineers ; Spring, Summer 2017, Winter, Spring 2018
 - Linear and Network Programming ; Autumn 2016, Autumn 2017
 - Fundamentals of Engineering Economy ; Winter 2016

SKILLS

Programming languages	Python, Matlab, C++, R, Julia, Caffe
Scientific softwares	Labview, AutoCAD, OpenCV
Tools	Linux, Emacs, Git, L ^A T _E X, Hadoop