

# Meng Du

mengdu@umich.edu

<https://metad.github.io/mengdu/>

## EDUCATION

- University of Michigan, Ann Arbor** Sep. 2013 - Dec. 2015  
Bachelor of Science in *Computer Science and Biopsychology, Cognition & Neuroscience (BCN)* with Honors
- Beijing Normal University School of Psychology (Transferred)** Sep. 2010 - July 2012  
Studied Abroad at the Univ. of Minnesota (Twin Cities) Sep. 2012 - May 2013

## SELECTED EXPERIENCE

- Research Associate** July 2016 - Present  
UCLA Department of Psychology. PIs: Dr. Carolyn Parkinson, Dr. Matt Lieberman
- Research Assistant** June 2016 - July 2016  
Princeton Social Neuroscience Lab. PI: Dr. Diana Tamir
- Undergraduate Research Assistant** Sep. 2013 - Aug. 2016  
Univ. of Michigan Culture and Cognition Lab. PI: Dr. Shinobu Kitayama
- Software Engineering Intern** May 2015 - Aug. 2015  
LiveRamp (Acxiom Co.)
- Software Engineering Intern** Jan. 2015 - Apr. 2015  
Deque Systems, Inc.
- Programmer** May. 2014 - Dec. 2014  
MiWorkspace Windows team, Univ. of Michigan Information and Technology Services

## PUBLICATIONS & CONFERENCE POSTERS

- **Du, M.**, Basyouni, R., Parkinson, C. (in prep). Shared Neural Architecture for Navigating Space and Social Hierarchies.
- **Du, M.\***, Weaverdyck, M. E. \*, Li, Y., Chang, L. J., Parkinson, C. (in prep). Social Network Knowledge Shapes and is Shaped by Trust Behavior.
- Lieberman, M. D., Straccia, M. A., Meghan, M. L., **Du, M.**, Tan, K. M. (in review). Social, Self, (Situational), and Affective Processes in Medial Prefrontal Cortex (MPFC): Causal, Multivariate, and Reverse Inference Evidence. *Neuroscience & Biobehavioral Reviews*.
- **Du, M.**, Basyouni, R., Parkinson, C. (2018). Shared neural architecture for navigating space and social hierarchies. Poster presented at the 2018 Meeting of the Social and Affective Neuroscience Society, Brooklyn, NY.
- Li, Y., **Du, M.**, & Parkinson, C. (2018). The relationships between Social Network Attributes and Behavioral Tendencies. Poster presented during the 2018 UCLA Undergraduate Research Week, Los Angeles, CA.

- Castro, V., **Du, M.**, Sul, S., & Parkinson, C. (2018). How well would you treat a friend-of-a-friend? The effects of third-party relationship knowledge on prosocial behavior. Poster presented at the 2018 Annual Convention of the Society for Personality and Social Psychology, Atlanta, GA, USA.
- Hitokoto, H., Glazer, J., **Du, M.**, & Kitayama, S. (2015). "Aren't You More Motivated When Watched?" Culture Moderates the Face-Priming Effect on FRN. Poster presented at the Society for Personality and Social Psychology 2015 Annual Convention, Long Beach, CA.

## SKILLS

### Computer:

- Advanced skills in C/C++ (30+ projects, 15k+ lines), Python (20+ projects, 8k+ lines), HTML/CSS/JavaScript (10+ websites, 12k+ lines), bash scripts, R and Java.
- Intermediate skills in MATLAB, relational databases, Objective-C, Ruby on Rails, etc.
- Proficiency with Git (30+ repositories, 1k+ commits), web scraping, high performance clusters, and development on Linux/Unix, Windows and Android systems.
- Familiar with various data structures, algorithms (including machine learning algorithms) and design patterns.
- Familiar with the analysis and visualization of behavioral and neuroimaging data in Python and R.

### Neuroimaging:

- Safety certified at UCLA Brain Mapping Center and Staglin IMHRO Center for Cognitive Neuroscience.
- Familiar with fMRI data collection, preprocessing and analysis with multiple software packages (e.g. FMRIprep, FSL, AFNI, etc.), and NeuroSynth meta-analysis.