

# Meng Du

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🌐 <https://metad.github.io/mengdu/>

## EDUCATION

- 2019 - 2024 **University of California, Los Angeles**  
(Expected) Ph.D Program in Computational Cognition  
Advisor: Dr. Carolyn Parkinson
- 2015 **University of Michigan, Ann Arbor**  
B.S. with Honors  
Majors: 1 Computer Science  
2 Biopsychology, Cognition & Neuroscience

## SELECTED EXPERIENCE

- 2016 - 2019 **Research Associate**  
UCLA Department of Psychology  
PIs: Dr. Carolyn Parkinson, Dr. Matt Lieberman
- 2016 **Research Assistant**  
Princeton Social Neuroscience Lab  
PI: Dr. Diana Tamir
- 2013 - 2016 **Undergraduate Research Assistant**  
Culture and Cognition Lab, University of Michigan  
PI: Dr. Shinobu Kitayama
- 2016 **Computer Science Tutor**  
University of Michigan
- 2015 **Software Engineering Intern**  
LiveRamp (Acxiom Co.)
- 2015 **Software Engineering Intern**  
Deque Systems, Inc.
- 2014 **Programmer**  
Windows team, University of Michigan IT Services

## SKILLS

### Computer

- **C/C++**
- **Python** ..... Machine Learning  
Web Scraping  
GUI & Standalone Applications  
Data Analysis & Visualization
- **HTML/CSS/JavaScript** .....  
CSS Frameworks (*Bootstrap*)  
Frontend Frameworks  
(*AngularJS, Ruby on Rails*)  
Interactive Data Visualization
- **Java** ..... Android Apps  
*Casca.ding* Workflows on  
*Hadoop Distributed File Systems*
- **Git** ... Open Source Contributions  
(Projects, Issues, Bug Fixes)
- **R**
- **Bash scripts**
- **High-performance computing**
- **MATLAB**
- **Software Design Patterns**
- **Ruby on Rails**

### Neuroimaging

- **MRI Safety Certified**
- **Preprocessing** ..... *BIDS*  
*FM RIPREP*  
*FreeSurfer*
- **Data Analysis** ..... *FSL/AFNI*  
*NiPype, NiBabel*  
*MVPA (Nilearn/PyMVPA)*
- **Visualization** ..... *PySurfer*

## AWARDS & HONORS

- 2015 LSA Honors Grants for Research, Travel, and Special Projects (\$1000, Univ. of Michigan)
- 2013, 2014, 2015 University Honors (Univ. of Michigan)
- 2012, 2013 Dean's List (Univ. of Minnesota)
- 2012 Study Abroad Foundation Scholarship (\$2000)

## PUBLICATIONS

- Du, M.**, Basyouni, R., Parkinson, C. (in prep). Shared Neural Architecture for Navigating Space and Social Hierarchies.
- Du, M.** & Lieberman, M. D. (in prep). NS+: A new meta-analysis tool to extend the utility of NeuroSynth. [Code & beta software available]
- Du, M.\***, Weaverdyck, M. E.\*, Li, Y., Chang, L. J., Parkinson, C. (in prep). Assumptions about Birds of a Feather and Those who Flock Together: Social Network Knowledge Shapes and is Shaped by Trust Behavior.
- Lieberman, M. D., Straccia, M. A., Meyer, M. L., **Du, M.** & Tan, K. M. (2019). Social, self, (situational), and affective processes in medial prefrontal cortex (MPFC): Causal, multivariate, and reverse inference evidence. *Neuroscience & Biobehavioral Reviews*, 99, 311-328. [PDF available]

## CONFERENCE POSTERS

- Du, M.**, Lieberman, M. D. (2019). Examining TPJ Functions Using NS+ (A New Meta-Analysis Tool to Extend NeuroSynth Utility). Poster accepted at the 2019 Meeting of the Social and Affective Neuroscience Society, Miami, FL.
- 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 thirdparty 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.