



## Sonya Ashikyan

Postdoctoral Scholar, Psychiatry

### Bio

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#### BIO

I develop and apply machine learning and computational neuroimaging methods to study brain aging and Alzheimer's disease progression. My research focuses on cognitive impairments and their neural correlates, predicting recovery trajectories following neural damage, and improving the precision of neurodiagnostic and prognostic tools.

I completed my Ph.D. in Cognitive Neuroscience at the University of California, Los Angeles (UCLA), where my research focused on traumatic brain injury. My work integrated multimodal neuroimaging with advanced statistical modeling and machine learning techniques to characterize neural injury across varying levels of severity.

#### PROFESSIONAL EDUCATION

- Ph.D., University of California, Los Angeles (UCLA) , Cognitive Neuroscience
- M.A., University of California, Los Angeles (UCLA) , Cognitive Psychology
- B.S., University of California, Los Angeles (UCLA) , Cognitive Science

#### STANFORD ADVISORS

- Vinod Menon, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### RESEARCH INTERESTS

- Artificial intelligence (AI)
- Human-Computer Interaction