

Rahul Nadkarni

PERSONAL INFORMATION	Email: rahulsnadkarni@gmail.com Website: http://rahuln.io	LinkedIn: rahulsnadkarni Github: rahuln
EDUCATION	University of Washington – Seattle, WA <i>Ph.D. student, Computer Science & Engineering</i> <i>M.S. Computer Science & Engineering, 2017</i>	September 2015 – present Advisor: Emily Fox
	University of California, Berkeley – Berkeley, CA <i>B.S. Electrical Engineering & Computer Science, 2015</i> <i>B.S. Bioengineering, 2015</i>	August 2011 – May 2015
PUBLICATIONS	Rahul Nadkarni , Nicholas J. Foti, Emily B. Fox. Learning Dynamic Functional Connectivity Networks from Infant Magnetoencephalography Data. <i>NIPS BigNeuro Workshop</i> , 2017. Nicholas J. Foti, Rahul Nadkarni , Adrian KC Lee, and Emily B. Fox. Sparse plus low-rank graphical models of time series for functional connectivity in MEG. <i>2nd SIGKDD Workshop on Mining and Learning from Time Series</i> , 2016.	
RESEARCH EXPERIENCE	Graduate Student Researcher <i>University of Washington – Seattle, WA</i> Developing machine learning techniques for time series with applications in neuroscience, advised by Emily Fox. Projects include: <ul style="list-style-type: none">Formulating a new graphical LASSO-type model for time series with latent structure, applied to magnetoencephalography (MEG) data to learn brain networks.Applying state-space models with time-varying dynamics to MEG data to learn dynamic connections between brain regions of interest.	September 2015 – present
	Undergraduate Research Assistant <i>University of California, Berkeley – Berkeley, CA</i> Worked in a brain-machine interface (BMI) systems lab, advised by Jose Carmena. Collaborated with researchers studying neural control of movement to develop better neural prosthetics. Projects involved using signal processing and statistical analysis techniques to study brain activity.	November 2012 – December 2014
PROFESSIONAL EXPERIENCE	Software Engineering Intern, Ph.D. <i>Google – Seattle, WA</i> Worked with the Maps team on visualizing traffic data and adding to the traffic server backend.	June 2017 – September 2017
TEACHING EXPERIENCE	University of Washington – Seattle, WA Teaching Assistant, Introduction to Artificial Intelligence Teaching Assistant, Data Structures and Algorithms	March 2016 – June 2016 September 2015 – March 2016
SELECTED COURSEWORK	Convex Optimization Machine Learning for Big Data Graphical Models	Statistical Inference Natural Language Processing Computer Vision Artificial Intelligence Computational Neuroscience Database Systems
SKILLS	Languages: Python, Java (proficient); C, C++, Matlab, BASH scripting (working knowledge) Tools: Git/Github, Amazon EC2/AWS, L ^A T _E X, Hadoop	
HONORS & AWARDS	IGERT Fellowship in Big Data and Data Science Honorable Mention, NSF Graduate Research Fellowship Program Dean's Honors List, UC Berkeley Member, Eta Kappa Nu IEEE Honor Society, UC Berkeley (Mu Chapter)	Awarded August 2017 Awarded March 2017 January 2012 – May 2015 January 2013