MAYANK AGRAWAL

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EDUCATION

Princeton University   August 2018 - May 2023
Ph.D. Psychology and Neuroscience
Advisor: Jonathan D. Cohen and Thomas L. Griffiths

Swarthmore College   August 2014 - May 2018
B.A. Computer Science and Philosophy
Thesis: *An Application of Computational Learning Theory to Moral Epistemology*
Advisor: Alan R. Baker

University of Oxford   October 2016 - June 2017
Visiting Student, St. Anne's College

PUBLICATIONS

Agrawal M, Peterson JC, Griffiths TL . (2019). Using Machine Learning to Guide Cognitive Modeling: A Case Study in Moral Reasoning. *Submitted.*

Moraud, EM, Tinkhauser G, **Agrawal M**, Brown P, Bogacz R. (2018). Predicting Beta Bursts From Local Field Potentials to Improve Closed-loop DBS Paradigms in Parkinson's Patients. *40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society.*

TECHNICAL PROJECTS

Spykes
· Open-source neural spike train analysis and visualization library maintained by Kording Lab

RoboTutor
· Project at Carnegie Mellon under Jack Mostow to create educational AI for students ages seven to ten

GreenMon
· Peer-to-peer system that dynamically turns on and off nodes in response to cluster usage

TEACHING

Swarthmore College

Fall 2017   PHIL 012: Logic, *Teaching Assistant*
Spring 2015   CPSC 021: Introduction to Computer Science, *Teaching Assistant*

Breakthrough Houston

Summer 2014   8th Grade Math, *Teaching Fellow*
Summer 2013   7th Grade Math, *Teaching Fellow*
Summer 2012   7th - 9th Grade Literature, *Teaching Assistant*

HONORS & AWARDS

2017   Computational Neuroscience Travel Grant, *Swarthmore College*
2016   John W. Nason Community Service Fellowship, *Swarthmore College*
2014   Philip Evans Scholar, *Swarthmore College*

SERVICE

2017 - 2018	Aydelotte Foundation, *Swarthmore College*
2017 - 2018	Council on Educational Policy, *Swarthmore College*
2015 - 2016	Student Academic Mentor, *Swarthmore College*

TECHNICAL SKILLS

Computer Languages	Python, C++/C, Java, MATLAB, R
Tools	LaTeX, Unix, git, OpenCV, MPI, Android Studio, CUDA

Last Updated: February 9, 2019