

Eric Alexander Finkel

520 Park Ave., Apartment 215 Baltimore, Maryland 21201

EFinkel3@jhmi.edu | 703-618-0695

WORK AND RESEARCH EXPERIENCE

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| Johns Hopkins
School of Medicine
Baltimore, MD
2013 – Present | GRADUATE STUDENT RESEARCHER
Department of Neuroscience <ul style="list-style-type: none">• Designed and implemented behavioral and electrophysiology Neuroscience experiments that generated >10TB of data.• Wrote custom data analysis packages in Python and Matlab that are now commonly used by other members of the laboratory.• Analyzed and presented experimental results related to the neural mechanisms of attention to senior scientists both in and outside my field.• Recruited and trained several successful scientists to run experiments, collect data, and perform data analysis. |
| University of
Maryland Baltimore
Baltimore, MD
2011 –2013 | RESEARCH TECHNICIAN
Department of Anatomy and Neurobiology <ul style="list-style-type: none">• Designed and ran experiments to investigate the biological causes of depression• Trained incoming graduate students and post-docs to perform experiments |
| McGill University
Montreal, QC,
Canada
2009-2011 | HONORS UNDERGRADUATE RESEARCH ASSISTANT
Psychology Department <ul style="list-style-type: none">• Conducted a project investigating the neural mechanisms of learning and memory.• Took a scientific project from initial formulation of research questions, to collecting and analyzing data, to interpreting and summarizing the results. |

EDUCATION

Doctor of Philosophy in Neuroscience

Advisor: Daniel O'Connor
Johns Hopkins School of Medicine
2013 - Expected 2019

Bachelors of Science

Honors in Psychology, minor in Biology
McGill University, Faculty of Science
2007 – 2011

RELEVANT SKILLS

Proficient: Python; Matlab; GitHub; Statistics; Experimental design; Linear Regression, Logistic Regression
Familiar: SQL; Random Forests; Neural Networks

RELEVANT COURSEWORK

Statistics for Experimental Design, Statistics for Laboratory Scientists, Programming for Scientists and Engineers, Calculus, Linear Algebra, Abnormal Psychology, Learning and memory

LANGUAGES

English (native), Spanish (proficient).