Tyler Adkins

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Summary

Computational cognitive neuroscientist with 6 years of experience designing experiments and analyzing data.

Skills

Bayesian statistics, experimental design, mathematical modeling, data visualization, machine learning, simulation, image processing, formal reasoning, scientific writing, public speaking, literature review, teaching

Tools

R, Python, Stan, JavaScript, Git, Bash, AWS, LaTeX, Illustrator, SQL, MATLAB, C++, HTML

Employment

9/2017 – Present   *University of Michigan*   Graduate Research Fellow   Ann Arbor, MI

Designed psychophysical experiments, preprocessed large high-dimensional datasets, built parametric and nonparametric statistical models, collaborated with teams of scientists on interdisciplinary research projects, reported research findings in reputable journals and conferences, mentored colleagues on data analysis.

1/2018 – 4/2020   *University of Michigan*   Graduate Student Instructor   Ann Arbor, MI

Created educational materials and assessments for instructors and students in large lecture courses, provided instruction and tutoring to students in multiple discussion sections, graded written assignments and quizzes

9/2015 – 9/2017   *University of Michigan*   Research Assistant   Ann Arbor, MI

Configured hardware and software for eye-tracking systems, implemented econometric models of decision-making.

Education

9/2017 – Present   *University of Michigan*   Ph.D. in Psychology   Ann Arbor, MI

1/2015 – 9/2017   *University of Michigan*   B.A. in Cognitive Science   Ann Arbor, MI

Awards

2021	Swets Award for Psych. Science ($25k)
2020	NSF RAPID grant ($200k)
2019	NSF GRFP (honorable mention)
2018	Scholarship in Math. Psych. ($3k)
2017	Rackham Merit Fellowship ($100k)
2016	Phi Kappa Phi
2015	Sweeney Merit Scholarship ($3k)

Service

2021	Departmental Associate
2020	Forum Committee
2020	Admissions Committee
2019	Social Committee
2018	Recruitment Committee

Publications

Adkins and Lee (2021) *Neuroimage* [DOI]

Adkins, Lewis, and Lee (2021) *Psych. Bulletin & Review* [DOI]

Adkins, Gary, and Lee (2021) *Nature Scientific Reports* [DOI]

Anderson, **Adkins**, and Lee (2020) *J. Neurophysiology* [DOI]

Fansher, **Adkins**, and Shah (in press) *JEP: Applied*

Adkins and Lee (in review) *Psych. Bulletin & Review* [DOI]

Fansher, **Adkins***, et al. (in review) *Memory and Cognit.* [DOI]

Fansher, **Adkins***, et al. (in review) *Cognit. Research: P&I* [DOI]

Brissenden, **Adkins**, et al. (in review) *JEP: General* [DOI]

Lalwani, …, **Adkins**, …et al. (in review) *Psych. Science* [DOI]

Adkins, Zhang, Jonides, and Lee (in prep)

Adkins, Weissman, and Lee (in prep)

*Shared first authorship