Hause Lin

hauselin.com hauselin@gmail.com

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| Experien | ce and Education |
| 2022- | Data Science Consultant, World Bank Group |
| 2021- | Post-Doctoral Fellow, University of Regina |
| | Research Affiliate, MIT |
| | Advisors: Gordon Pennycook, David Rand |
| 2016-21 | Ph.D., University of Toronto, Canada |
| | Thesis: Hypothesis-Driven Source Separation and Dimension Reduction of Neural Time Series Data |
| | Committee: Michael Inzlicht, Cendri Hutcherson, Katherine Duncan |
| 2019 | Research Assistant, Rotman School of Management, University of Toronto, Canada |
| | Advisor: Bernardo Blum, Associate Professor of Economic Analysis and Policy |
| 2019 | Research Fellow, Donders Institute for Neuroscience, The Netherlands |
| | Advisor: Mike X Cohen, Synchronization in Neural Systems Lab |
| 2015-16 | M.A., University of Toronto, Canada |
| 2011-14 | B.Sc. (Hons, ranked 1/223), University of Sussex, UK |
| Awards. | Grants, and Honors |
| 2022-24 | Postdoctoral Fellowship, Social Sciences & Humanities Research Council (ranked 5th, \$90,000 CAD) |
| 2021-22 | Government of Canada Digital Citizen Contribution Program: Scaling Up Accuracy Nudge |
| | Interventions to Counter Disinformation in Canada (\$89,780 CAD, co-applicant) |
| 2021 | Carnegie Endowment for International Peace: Scaling Up Interventions Against Misinformation on |
| | Social Media (co-applicant, \$25,000 USD) |
| 2021 | Google Sponsorship Grant: Interventions Against Misinformation (co-applicant, \$100,000 USD) |
| 2015-20 | Connaught International Scholarship (\$175,000 CAD), University of Toronto |
| 2020 | Doctoral Completion Award (\$8,000 CAD), University of Toronto |
| 2020 | Robert Pratt Scholarship (\$2,250 CAD), University of Toronto |
| 2020 | Udacity Technology Deep Learning Scholarship, Bertelsmann Technology |
| 2020 | Kaggle Open Data Research Grant (PI, \$2,000 USD), Google |
| 2020 | SCORE Program Replication Study Award, Center for Open Science |
| 2019 | Data for Social Good Scholarship, Dataquest |
| 2019 | Udacity Artificial Intelligence with PyTorch Scholarship |
| 2019 | rstudio::conf(2020) Scholarship (\$1,000 USD), RStudio |
| 2019 | Toronto Machine Learning Summit Scholarship, Royal Bank of Canada |
| 2019 | Mary H. Beatty Fellowship (\$10,000 CAD), University of Toronto |
| 2019 | Summer Institute in Social and Personality Psychology, New York University |
| 2019 | Inaugural Psychology Best Paper Award (\$250 CAD), University of Toronto |
| 2019 | School of Graduate Studies Conference Grant (\$560 CAD), University of Toronto |
| 2018 | Society for Psychophysiological Research Training Fellowship (\$3,400 USD) |
| 2018 | Ontario Graduate Scholarship (\$15,000 CAD), Ontario, Canada |
| 2018 | Society for Personality and Social Psychology Graduate Travel Award (\$500 USD) |
| 2017 | The Social & Affective Neuroscience Society Poster Award (\$200 USD) |
| 2016-19 | Graduate Student Grant (\$400 per year CAD), University of Toronto |

School of Graduate Studies Conference Grant (\$410 CAD), University of Toronto The Undergraduate Awards Winner and The George Berkeley Gold Medal (Psychology) The British Psychological Society Undergraduate Award for Highest Overall Score Junior Research Associate Grant (£2,500), University of Sussex Corporal First Class, Commendation Letter, Commando Training Institute, Singapore

Publications (Google Scholar)

- *denotes shared first-authors
- Epstein*, Z. & Lin*, H. (2022). Yourfeed: Towards open science and interoperable systems for social media. https://arxiv.org/abs/2207.07478
- **Lin, H.**, Westbrook, A., Fan, F., & Inzlicht, M. (in-principle acceptance). Instilling the value of effort. <u>Registered Report Stage 1</u>. *Nature Human Behaviour*.
- Frömer*, R., Lin*, H., Wolf, C. D. K., Inzlicht, M., & Shenhav, A. (2021). Expectations of reward and efficacy guide cognitive control allocation. *Nature Communications*, 12(1030), 1-11. doi: 10.1038/s41467-021-21315-z
- Lin, H., Werner, K. M., & Inzlicht, M. (2021). Promises and perils of experimentation: The mutual-internal-validity problem. *Perspectives on Psychological Science*. 16(4), 854-863. doi: 10.1177/1745691620974773
- Lin, H., Saunders, B., Friese, M., Evans, N. J., & Inzlicht, M. (2020). Strong effort manipulations reduce response caution: A preregistered reinvention of the ego-depletion paradigm. *Psychological Science*, *31*(5), 1-17. doi: 10.1177/0956797620904990
- Fusco, G., Scandola, M., Lin, H., Inzlicht, M., & Aglioti, S. M. (in-principle acceptance). Modulating preferences during intertemporal choices through exogenous midfrontal theta transcranial alternating current. Registered Report Stage 1. *Cortex*.
- Umemoto, A., **Lin, H.**, & Inzlicht, M. (in-principle acceptance). Cost-benefit analysis in physical effort expenditure: An electrophysiological registered report. Registered Report Stage 1. *Cortex*.
- Lin, H., & Vartanian, O. (2018). A neuroeconomic framework for creative cognition. *Perspectives on Psychological Science*, 13(6), 655-677. doi: 10.1177/1745691618794945. University of Toronto Trainee Best Paper Award
- **Lin, H.**, Saunders, B., Hutcherson, C. A., & Inzlicht, M. (2018). Midfrontal theta and pupil dilation parametrically track subjective conflict (but also surprise) during intertemporal choice. *NeuroImage*, 172, 838-852. doi: 10.1016/j.neuroimage.2017.10.055
- Francis, Z., Milyavskaya, M., Lin, H., & Inzlicht, M. (2018). Development of a within-subject, repeated-measures ego depletion paradigm: Inconsistent results and future recommendations. *Social Psychology*, 49, 271-286. doi: 10.1027/1864-9335/a000348
- Saunders, B., **Lin, H.**, Milyavskaya, M., & Inzlicht, M. (2017). The emotive nature of conflict monitoring in the medial prefrontal cortex. *International Journal of Psychophysiology*, 119, 31-40. doi: 10.1016/j.ijpsycho.2017.01.004

Scientific Reproducibility Publications

- Jones, B. C., DeBruine, L. M., Flake, J. K., Liuzza, M. L., Antfolk, J., Arinze, N. C., Ndukaihe, I. L. G., ... Lin, H., Inzlicht, M., ... Forscher, P. S., Chartier, C. R., Coles, N. A. (2021). To which world regions does the valence-dominance model of social perception apply? *Nature Human Behaviour*, 59, 159-169. doi: 10.1038/ s41562-020-01007-2
- Ebersole, C. R., Mathur, M.A., Baranski, E., Bart-Plange, D-J., Buttrick, N.R., Chartier, C. R., Corker, K. S., ... Lin, H., Žeželj, I., Zrubka, M., Nosek, B. A. (2020). Many Labs 5: Testing pre-data collection peer review as an intervention to increase replicability. *Advances in Methods and Practices in Psychological Science*, 3(3), 309-331. https://doi.org/10.1177/2515245920958687
- Chartier, C. R., Arnal, J. D., Arrow, H., Bloxsom, N., Bonfiglio, D. B. V., Brumbaugh, C. C., Ebersole, C. R., ... Lin, H., ... Schmidt, K., Storage, D., Tocco, C. (2020). Many Labs 5: Replication of Albarracín et al. (2018). *Advances in Methods and Practices in Psychological Science*, 3(3), 332-339. https://doi.org/10.1177/2515245920945963
- Anderson, T., Petranker, R., **Lin, H.**, & Farb, N. A. S. (2020). The metronome response task for measuring mind wandering: Replication attempt and extension of three studies by Seli et al. *Attention, Perception, & Psychophysics*, 83, 315-330. https://doi.org/10.3758/s13414-020-02131-x
- Landy, J. F., Jia, M., Ding, I. L., Viganola, D., Tiemey, W., Dreber, A., Johannesson, M., ... **The Crowdsourcing Hypothesis Tests Collaboration***, Ulhmann, E. L. (2020). Crowdsourcing hypothesis tests: Making transparent how design choices shape research results. *Psychological Bulletin*, 146(5), 451-479. doi: 10.1037/bul0000220 *part of the collaboration
- Moshontz, H., Campbell, L., Ebersole, C. R., IJzerman, H., Urry, H. L., Forscher, P. S., Grahe, J. E., ... Lin, H., ... Navarette, G., Silan, M. A., Chartier, C. R. (2018). The Psychological Science Accelerator: Advancing psychology through a distributed collaborative network. *Advances in Methods and Practices in Psychological Science*. 1(4), 501–515, doi: 10.1177/2515245918797607

Manuscripts Under Review or In Preparation

- Epstein*, Z., Lin*, H., Pennycook, G., & Rand, D.G. (submitted). How many others have shared this? Experimentally investigating the effects of social cues on engagement, misinformation, and unpredictability on social media https://arxiv.org/abs/2207.07562
- **Lin, H.**, Rand, D.G., & Pennycook, G. (submitted). Conscientiousness does not moderate the association between political orientation and susceptibility to fake news sharing while actively open-minded thinking does.
- **Lin, H.**, Pennycook, G., & Rand, D.G. (revision submitted). Thinking more or thinking differently? Using drift-diffusion modeling to illuminate why accuracy prompts decrease misinformation sharing. doi: 10.31234/ osf.io/kf8md
- **Lin, H.**, Ristic, J., Inzlicht, M., Otto, A.R. (revision submitted). The average reward rate modulates behavioral and neural indices of effortful control allocation. doi: 10.31234/osf.io/yjuq8
- Depow, G. J., **Lin, H.**, & Inzlicht, M. (revision submitted). Cognitive effort for self, strangers, and charities. doi: 10.31234/osf.io/zr3we
- Umemoto, A., Lin, H., & Holroyd, C.B. (invited revision). Physical effort choice is modulated by frontal midline theta and increases subjective value of reward.
- **Lin, H.**, & Cohen, M. X. (in prep). Dimension reduction and source analysis of multivariate EEG neural activity via generalized eigendecomposition.
- Lin, H., & Inzlicht, M. (in prep). Using machine learning and neurophysiology to investigate information processing and predict irrational choice. Winner of Kaggle Open Data Research Grant
- **Lin, H.**, Hutcherson, C. A. (in prep). Using computational methods to infer behavioral preferences and predict moral trade-offs.
- Hutcherson, C. A., Lin, H., Inbar, Y. (in prep). Investigating the computational and temporal dynamics associated with ethical tradeoffs and violations.

Research Software and Data Science Teaching (github.com/hauselin)

- Lin, H. (2019). Data science tutorials. Retrieved from hauselin.com/datascience
- Lin, H. (2019). hauselin/docdata R package. hauselin.github.io/docdata/
- Lin, H. (2019). hauselin/hausekeep R package: third release (v0.0.0.9003-alpha). hauselin.github.io/hausekeep
- Lin, H. (2019). Effect size converter. escal.site

Talks (*denotes advisee)

- Epstein, Z., Lin, H., Arechar, A.A., Pennycook, G., & Rand, D.G. (Jul 2022). *Yourfeed: Measuring attention in an experimental social media environment*. Talk presented at the 8th International Conference on Computational Social Science, Chicago, Illinois, USA.
- **Lin, H.**, Berinsky, A.J., Eckles, D., Rand, D.G., & Pennycook, G. (Mar 2022). *Scaling up interventions against misinformation on social media*. Talk presented at the MIT Marketing Seminar.
- **Lin, H.**, Rand, D.G., & Pennycook, G. (Feb 2022). *Decreasing the spread of misinformation using ad-based digital field experiments on Twitter*. Talk presented at the Society for Personality and Social Psychology Annual Convention, San Francisco, CA, USA.
- Lin, H., Pennycook, G., & Rand, D.G. (Dec 2021). Scaling up interventions against misinformation on social media. Talk presented at Princeton University's Empirical Studies of Conflict Project & Carnegie Endowment for International Peace's Partnership for Countering Influence Operations.
- **Lin, H.**, & Cohen, M. X. (Oct 2020). *Hypothesis-driven dimension reduction and source separation for time-domain EEG data*. Talk presented at the Society for Psychophysiological Research 60th Annual Meeting. <u>Slides and code</u>.
- Frömer, R., **Lin, H.**, Wolf, C. D. K., Inzlicht, M., & Shenhav, A. (Oct 2019). *Neural dynamics underlying the integration of reward and efficacy during evaluation and motivation of cognitive control.* Talk presented at the Society for Neuroscience, Chicago, Illinois, USA.
- Inzlicht, M., Francis, Z., & Lin, H. (Oct 2019). *Recasting ego depletion: Self-control failure as boredom regulation*. Talk presented at the Society of Experimental Social Psychology Conference, Toronto, Canada.
- **Lin, H.**, & Vartanian, O. (May 2019). *An integrative neurobiological framework for studying creativity*. Invited talk presented at the Inaugural Psychology Trainee Award Event, University of Toronto, Scarborough.

- **Lin, H.** (May 2019). *Regulatory dynamics during decision making*. Invited talk presented at the Behavioural Science Institute, Radboud University, The Netherlands.
- **Lin, H.** (Feb 2019). *Is creativity decision making? A new framework for studying creative cognition.* Invited talk presented at the University of Toronto Mississauga Perception, Cognition, and Language Group, Canada.
- **Lin, H.** (Jun 2018). *Easily generate APA-format results (with effect sizes) in R.* Lightning talk presented at the Society for the Improvement of Psychological Science 2018 Meeting, Grand Rapids, Michigan, USA.
- Lin, H., Friese, M., Saunders, B., & Inzlicht, M. (Jan 2018). When might ego depletion exist? Talk presented at the Social Personality Research Group, University of Toronto, Canada.
- Hutcherson, C.A., **Lin, H.**, *Ilangomaran, R., & Inbar, Y. (Oct 2017). *Taboo for you? Computational approaches to sacred values and moral temptation*. Talk presented at the 2017 Society for Experimental Social Psychology Annual Meeting, Boston, MA, USA.
- **Lin, H.**, Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Nov 2017). *Self-control in decision making involves prefrontal theta band oscillatory dynamics*. Talk presented at the Society for Neuroscience, Washington, D.C., USA.
- Lin, H., Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Apr 2017). *Do midfrontal theta oscillations and pupil responses track subjective conflict during value-guided choice?* Talk presented at the Ebbinghaus Empire Meeting Data Blitz, University of Toronto, Canada.
- **Lin, H.**, & Inzlicht, M. (Mar 2017). *Heart versus brain: Do emotions help or hinder decision making?* Talk presented at the Social Personality Research Group, University of Toronto, Canada.
- Inzlicht, M., Saunders, B., & Lin, H. (Sept 2016). *The conflict negativity: A neural system tracking parametric variation in subjective conflict during value-guided decisions*. Talk presented at the Society for Psychophysiological Research 56th Annual Meeting, Minneapolis, Minnesota, USA.
- Lin, H., Saunders, B., Hutcherson, C. A., & Inzlicht, M. (July 2016). *Varying subjective value and conflict during intertemporal choice: Graded representation of decision conflict in the brain.* Talk presented at the Society for the Advancement of Judgment and Decision Making Studies 1st Meeting, University of the Balearic Islands, Spain.
- **Lin, H.**, Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Nov 2015). *Neural and psychophysiological correlates of conflict during intertemporal choice*. Talk presented at the Social Personality Research Group, University of Toronto, Canada.

Posters (*denotes advisee)

- *Kwon, V., **Lin, H.**, & Inzlicht, M. (Sept 2019). *Multivariate EEG analyses reveal evolving spatiotemporal theta networks during self-regulation*. Poster presented at the Society for Psychophysiological Research 59th Annual Meeting, Washington, D.C., USA.
- Umemoto, A., Lin, H., & Holroyd, C. (Sept 2019). *Electrophysiological indices of reward valuation and cognitive control during decision making involving physical effort.* Poster presented at the Society for Psychophysiological Research 59th Annual Meeting, Washington, D.C., USA.
- Lin, H., Saunders, B., Friese, M., & Inzlicht, M. (May 2019). Strong effort manipulations reduce response caution: A preregistered reinvention of the ego depletion paradigm. Poster presented at the 31st Association for Psychological Science Convention. Washington, D.C., USA.
- Lin, H., Saunders, B., & Inzlicht, M. (Oct 2018). *Decision-making biases and certainty elicit rapid and distinct neurophysiological responses*. Poster presented at the Society for Psychophysiological Research 58th Annual Meeting, Quebec City, Quebec, Canada.
- Anderson, T., Petranker, R., Lin, H., & Farb, N. (Oct 2018). *The metronome response task: A continuous performance task measuring meta-awareness and mind-wandering*. Poster presented at the Society for Psychophysiological Research 58th Annual Meeting, Quebec City, Quebec, Canada.
- *Minkovich, M., Lin, H., & Inzlicht, M. (May 2018). Distinct effects of meaning and personal relevance on prosocial choice and behavior. Poster presented at the Southern Ontario Behavioural Decision Research Conference, Toronto, Canada.
- Lin, H., *Ilangomaran, D., *Bhagat, K., Inbar, Y., & Hutcherson, C.A. (May 2018). *Computational insights into moral temptation in taboo tradeoffs*. Poster presented at the Social & Affective Neuroscience Society 11th Annual Meeting, New York City, New York, USA.

- Lin, H., Miles, E., Francis, Z., & Inzlicht, M. (Mar 2018). Practicing self-control does not improve self-control but modestly improves well-being. Poster presented at the Society for Personality and Social Psychology Annual Convention, Atlanta, Georgia, USA.
- **Lin, H.**, Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Oct 2017). *Self-control in decision making involves prefrontal theta band oscillatory dynamics*. Poster presented at the Society for Neuroeconomics, Toronto, Canada.
- Lin, H., Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Aug 2017). *Midfrontal theta and pupil dilation track subjective conflict in value-based decisions*. Poster presented at the 13th International Conference for Cognitive Neuroscience, Amsterdam, Netherlands.
- **Lin, H.**, *Ilangomaran, D., Inbar, Y., & Hutcherson, C. A. (July 2017). *Forbidden tradeoffs: Computational insights into morally taboo decision making*. Poster presented at the 4th Summer School in Model-Based Neuroscience, University of Amsterdam, Netherlands.
- Lin, H., Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Mar 2017). *Decision-conflict in the temporal discounting task:*Midfrontal theta and pupil dilation track subjective conflict in value-based decisions. Poster presented at the Social & Affective Neuroscience Society 10th Annual Meeting, Los Angeles, California, USA. <u>Poster Award Winner</u>.
- **Lin, H.**, Saunders, B., Hutcherson, C. A., & Inzlicht, M. (Sept 2016). *Neurometric variation of decision conflict: Neurophysiological signals during intertemporal choice.* Poster presented at the Society for Psychophysiological Research 56th Annual Meeting, Minneapolis, Minnesota, USA.
- Lin, H., Saunders, B., Hutcherson, C. A., & Inzlicht, M. (May 2016). *Neurometric variation of decision-conflict brain activity during intertemporal choice*. Poster presented at The Neuroscience of Decision Making 38th Symposium, University of Montreal, Canada.

University Teaching

| 2019 | Reproducible and Replicable Research Methods and Analyses with R, University of Toronto |
|------|-----------------------------------------------------------------------------------------|
| 2018 | Data Science with R, Rotman School of Management, University of Toronto |

2016 Scientific Communication, University of Toronto

2012-15 Student Mentor Part-Time, University of Sussex

Undergraduate Advising

| 2020-21 | Maham Kl | nan (Computer | : Science & Ma | thematical Sciences |), University of Toronto |
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- 2020-21 Frank Fan (Physics & Molecular Biology), University of Toronto
- 2018-19 Victor KyoJin Kwon (Computer Science), University of Toronto
- 2017-18 Krupal Bhagat (Psychology & Neuroscience), University of Toronto
- 2017-18 Michelle Minkovich (Psychology), University of Toronto
- 2016-18 Dharini Ilangomaran (Psychology & Neuroscience), University of Toronto

Work Experience

| 2019 | Resear | rch / | Assistant | , Rotma | ar | ı Sc | cho | ol of | M | anage | eme | nt, Ur | niversity o | of Toronto |
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- 2018 Society for Personality and Social Psychology Conference Volunteer
- 2011-14 Student Ambassador Part-Time, University of Sussex
- 2007-09 National Service (Corporal First Class), Commando Training Institute, Singapore Armed Forces

Ad-Hoc Academic Journal Peer-Review (Publons)

Proceedings of the National Academy of Sciences; Psychological Science; Nature Communications (coreviewer); Perspectives on Psychological Science; Psychological Review; Behavior Research Methods; Cognition; Cognitive Science; Scientific Reports; Cerebral Cortex; Journal of Cognitive Neuroscience; NeuroImage (co-reviewer); Neuropsychologia; Brain Topography; Cognitive, Affective, and Behavioral Neuroscience; Psychophysiology; Journal of Experimental Psychology: General; International Journal of Psychophysiology; Journal of Experimental Social Psychology; Personality and Social Psychology Bulletin; Management Science; Memory & Cognition; Motivation and Emotion

Professional Academic Service

2020-22 Society for Psychophysiological Research Program Committee

| 2019 | Many Labs 5 Multi-Site Replication Project Data Analyst | | | | | |
|---------|-----------------------------------------------------------------------------------------|--|--|--|--|--|
| 2018-20 | Society for Psychophysiological Research Student Committee Member | | | | | |
| 2017 | Psychological Science Accelerator Methods and Analysis Reviewer | | | | | |
| 2015 | Judging Panelist for Psychology, The Undergraduate Awards | | | | | |
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| Courses | and Workshops | | | | | |
| 2020 | Causal Diagrams: Draw Your Assumptions Before Your Conclusions, HarvardX, edX | | | | | |
| 2020 | Network Dynamics of Social Behavior, Coursera | | | | | |
| 2020 | Machine Learning with Tidyverse (Allison Hill), rstudio::conf, San Francisco | | | | | |
| 2019 | Time-Frequency Principal Components Analysis (Edward Bernat) | | | | | |
| 2019 | Mathematics for Machine Learning Specialization, Coursera, Imperial College London | | | | | |
| 2019 | Computational Thinking using Python XSeries, MITx, edX | | | | | |
| 2019 | Using Behavioral Science to Advance Psychology and Public Policy, New York University | | | | | |
| 2019 | Bayesian Multilevel Models with brms package (Paul Bürkner), Utrecht University | | | | | |
| 2019 | Computational Bayesian Methods using Stan (Shravan Vasishth), Free University of Berlin | | | | | |
| 2018 | Machine Learning for Neuroimaging Data (Leila Wehbe) | | | | | |
| 2018 | Machine Learning for Psychologists (Sergey Fogelson), University of Toronto | | | | | |
| 2018 | Teaching Workshop (John Vervaeke), University of Toronto | | | | | |
| 2017 | Math and MATLAB for Neural Time Series (Mike X Cohen), Radboud University | | | | | |
| 2017 | Model-Based Neuroscience Summer School, University of Amsterdam | | | | | |
| 2017 | Productive Academic Writing (Paul Silvia), University of Toronto | | | | | |
| 2017 | Time-Frequency Decomposition: Methods and Challenges (Mike X Cohen) | | | | | |
| 2016 | Bayesian Cognitive Modeling (Joachim Vandekerckhove), University of Toronto | | | | | |
| 2015 | Multilevel Data Analysis Using R, University College London | | | | | |
| 2015 | Regressions with R, University College London | | | | | |
| 2015 | Python PsychoPy Neuroscience Workshop, University of Nottingham | | | | | |
| 2015 | EEG Analysis, King's College London | | | | | |
| 2015 | Introduction to Bayesian Analysis, University College London | | | | | |
| 2014 | Limbic Brain Advanced Functional Neuroanatomy, London | | | | | |

Defense Advanced Research Project Agency Replication Project, Center for Open Science

Professional Memberships

2014

2019-21

Society for Psychophysiological Research, Society for Neuroscience, Society for Neuroeconomics, Social & Affective Neuroscience Society, Society for the Improvement of Psychological Science

Human Brain Anatomy: Introduction to Functional Neuroanatomy, London

Skills and Knowledge

Skills: Neural and Behavioral Time Series, Statistical Modeling, Machine Learning, Experimentation and A/B Testing, Multilevel Modeling, Signal Processing

Programming: Python, R, JavaScript, HTML, CSS, MATLAB

Frameworks and Libraries: Svelte, jsPsych

Languages: English, Cantonese, Mandarin Chinese