CURRICULUM VITAE

NAME	TITLE			
David G. Dobolyi	PhD			

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
University of Virginia	PhD	2015	Cognitive Psychology
University of Virginia	MA	2012	Cognitive Psychology
University of Maryland, College Park	BA	2007	English Language and Literature

Research Interests

- Ethics & AI
- Big Data Analytics & Machine Learning
- Natural Language Processing
- Quantitative Modeling
- Cybersecurity, Fraud Prevention, Online Streaming, Eyewitness Memory, Healthcare

Titles

- GAMA Lab Affiliate

Links

- Google Scholar, ORCID, Web of Science
- GitHub
- LinkedIn

Work Experience

Assistant Professor
Leeds School of Business
University of Colorado Boulder
2022 - Present

- Focusing primarily on academic research as a member of the tenure-track faculty
- Teaching IT-related business courses
- Engaging in service as a member of the Organizational Leadership and Information Analytics (OLIA) division

Assistant Research Professor
Mendoza College of Business
University of Notre Dame
2020 - 2022

- Teaching courses involving business analytics, machine learning, and data wrangling using Python and R
- Working on a wide range of research projects
- Applying for grant funding involving a variety of projects, including facial recognition research

Research Assistant Professor
McIntire School of Commerce
University of Virginia
2018 - 2020

- Conducted and contributed to research projects and applied for grants (e.g., see Amazon Research Awards 2019 source code on GitHub)
- Developed and taught new course offerings including Business Analytics with R (see my R Bootcamp and Python Bootcamp on GitHub), MSBA Databases & BI, and MSBA Capstone I: Solution Design
- Served as MSBA Module 5 coordinator
- Continued supervising student-led research as part of the Deloitte Foundation Analytics Scholars Program (see here for details)

Faculty Research Scientist
McIntire School of Commerce
University of Virginia
2015 - 2018

- Assisted colleagues with research projects and teaching
- Supported the Center for Business Analytics, including designing, developing, and maintaining on-premise and cloud-based research infrastructure (e.g., AWS, Azure)
- Taught existing courses and developed new ones (e.g., Data Analytics in the Mobile App Domain Using R)

Teaching Experience

Semester	Course	Role	Title	Rating (1-5)
Fall 2024	MSBX 5405	Instr.	Structured Data Modeling and Analysis	4.88
Spring 2024	–	Instr.	EMBA Academic AI/ML Enrichment Session	–
Fall 2023	MSBX 5405	Instr.	Structured Data Modeling and Analysis	4.92, 4.89, –
Spring 2023	–	Instr.	EMBA Academic AI/ML Enrichment Session	–
Fall 2022	MSBX 5405	Instr.	Structured Data Modeling and Analysis	4.84, 4.88, 4.81
Fall 2021	MSBR 70250-02	Instr.	Python for Data Analytics	5.0
Fall 2021	MSBR 70250-01	Instr.	Python for Data Analytics	4.9
Fall 2021	MSBR 70810-02	Instr.	Data Wrangling with Databases & R	5.0
Fall 2021	ITAO 70260-01	Instr.	Python for Data Analytics	5.0
Spring 2021	ITAO 70810-01	Instr.	Data Wrangling with R	5.0
Fall 2020	ITAO 70260-03	Instr.	Python for Data Analytics	5.0
Fall 2020	ITAO 74311-01	Instr.	Machine Learning	–
Fall 2020	ITAO 70810-01	Instr.	Data Wrangling with R	5.0
Summer 2020	GBAC 7218	Instr.	Capstone Project I: Solution Design	4.94
Spring 2020	GCOM 7560-03	Instr.	Emerging Topics in Commerce: Python	4.77
Spring 2020	GCOM 7240	Co-Instr.	Advanced Quantitative Analytics	4.75
Spring 2020	GBAC 7212	Instr.	Databases & BI	4.88
Spring 2020	GBAC 7208	Co-Instr.	Customer Analytics II	4.95
Fall 2019	COMM 4559-01	Instr.	Business Analytics with R	4.75
Summer 2019	GBAC 7218	Instr.	Capstone Project I: Solution Design	5.00
Spring 2019	GCOM 7240	Co-Instr.	Advanced Quantitative Analytics	4.38
Spring 2019	GBAC 7212	Instr.	Databases & BI	4.48
Fall 2018	COMM 4559-05	Instr.	Business Analytics with R	4.77
Spring 2018	COMM 3220	Instr.	Database Management Systems and BI	4.58, 4.40
Spring 2018	GCOM 7240	Co-Instr.	Advanced Quantitative Analytics	4.52
Fall 2017	COMM 3220	Instr.	Database Management Systems and BI	4.41
Spring 2017	COMM 3220	Instr.	Database Management Systems and BI	4.65, 4.39
Spring 2017	GCOM 7240	Co-Instr.	Advanced Quantitative Analytics	4.58
Summer 2016	COMM 2559-01	Instr.	Data Analytics in the Mobile App Domain Using R	5.00

Notes. Ratings from Fall 2022 onward are based on the average of course instructor-related FCQ scores (Q9-Q16). Ratings from Fall 2020 through Fall 2021 are based on the median, whereas prior ratings are based on the mean. Ratings of '–' indicate insufficient responses, a course in progress, a pending score, or a data collection issue. Courses from Fall 2022 onward were taught at CU Boulder; courses prior to Fall 2022 but starting in Fall 2020 were taught at Notre Dame; courses prior to Fall 2020 were taught at UVA.

Published Research Articles

1. Seale-Carlisle, T.M., Grabman, J.H., Dobolyi, D.G., & Dodson, C.S. (2024). A comparison between numeric confidence ratings and verbal confidence statements. *Journal of Experimental Psychology: Applied.*
2. Kelso, L.E., Grabman, J.H., Dobolyi, D.G., & Dodson, C.S. (2024). Does artificial intelligence (AI) assistance mitigate biased evaluations of eyewitness identifications? *Journal of Applied Research in Memory and Cognition (JARMAC).*
3. Ruiyang Qin, R., Cook, R., Yang, K., Abbasi, A., Dobolyi, D., Seyedi, S., Griner, E., Kwon, H., Cotes, R., Jiang, Z., & Clifford, G. (2024). Language models for online depression detection: A review and benchmark analysis on remote interviews. *ACM Transactions on Management Information Systems (TMIS).*
4. Netemeyer, R.G., Lynch, J.G., Lichtenstein, D.R., & Dobolyi, D. (2024). Financial Education Effects on Financial Behavior and Well-Being: the Mediating Roles of Improved Objective and Subjective Financial Knowledge and Parallels in Physical Health. *Journal of Public Policy & Marketing (JPPM).*
5. Dobolyi, K., Sieniawski, G., Dobolyi, D., Goldfrank, J., & Hampel-Arias, Z. (2023). Hindsight2020: Characterizing Uncertainty in the COVID-19 Scientific Literature. *Disaster Medicine and Public Health*

Preparedness.

6. Somanchi, S., Abbasi, A., Kelley, K., Dobolyi, D., & Yuan, T.T. (2023). Examining User Heterogeneity in Digital Experiments. *ACM Transactions on Information Systems (TOIS).* 41*(4)*, 1-34.

7. Abbasi, A., Dobolyi, D., Vance, A., & Zahedi, F.M. (2021). The Phishing Funnel Model: A Design Artifact to Predict User Susceptibility to Phishing Websites. *Information Systems Research.* 32*(2)*, 410-436.

8. Gettleman, J.N., Grabman, J.H., Dobolyi, D.G., & Dodson, C.S. (2021). A Decision Processes Account of the Differences in the Eyewitness Confidence-Accuracy Relationship between Strong and Weak Face Recognizers under Suboptimal Exposure and Delay Conditions. *Journal of Experimental Psychology: Learning, Memory, and Cognition.* 47*(3)*, 402-421.

9. Chen, Y., Zahedi, F.M., Abbasi, A., & Dobolyi, D. (2021). Trust calibration of automated security IT artifacts: A multi-domain study of phishing-website detection tools. *Information & Management.* 58*(1)*.

10. Ahmad, F., Abbasi, A., Li, J., Dobolyi, D.G., Netemeyer, R.G., Clifford, G.D., & Chen, H. (2020). A Deep Learning Architecture for Psychometric Natural Language Processing. *ACM Transactions on Information Systems (TOIS).* 38*(1)*, 1-29.

11. Netemeyer, R.G., Dobolyi, D.G., Abbasi, A., Clifford, G., & Taylor, H. (2019). Health Literacy, Health Numeracy, and Trust in Doctor: Effects on Key Patient Health Outcomes. *Journal of Consumer Affairs.*

12. Grabman, J.H., Dobolyi, D.G., Berelovich, N.L., & Dodson, C.S. (2019). Predicting High Confidence Errors in Eyewitness Memory: The Role of Face Recognition Ability, Decision-Time, and Justifications. *Journal of Applied Research in Memory and Cognition (JARMAC).* 8*(2)*, 233-243.

13. Dobolyi, D.G., & Dodson, C.S. (2018). Actual vs. perceived eyewitness accuracy and confidence and the featural justification effect. *Journal of Experimental Psychology: Applied.* 24*(4)*, 543-563.

14. Kitchens, B., Dobolyi, D., Li, J., & Abbasi, A. (2018). Advanced Customer Analytics: Strategic Value Through Integration of Relationship-Oriented Big Data. *Journal of Management Information Systems.* 35*(2)*, 540-574.

15. Dodson, C.S., & Dobolyi, D.G. (2017). Judging guilt and accuracy: highly confident eyewitnesses are discounted when they provide featural justifications. *Psychology, Crime & Law.* 23*(5)*, 487-508.

16. Claassen, D.O., Dobolyi, D.G., Isaacs, D.A., Roman, O.C., Herb, J., Wylie, S.A., Neimat, J.S., Donahue, M.J., Hedera, P., Zald, D.H., Landman, B.A., Bowman, A.B., Dawant, B.M., & Rane, S. (2016). Linear and Curvilinear Trajectories of Cortical Loss with Advancing Age and Disease Duration in Parkinson's Disease. *Aging and Disease.* 7*(3)*, 220-229.

17. Dodson, C.S., & Dobolyi, D.G. (2016). Confidence and Eyewitness Identifications: The Cross-Race Effect, Decision-Time and Accuracy. *Applied Cognitive Psychology.* 30*(1)*, 113-125.

18. Tolleson, C.M.,* Dobolyi, D.G.,* Roman, O.C., Kanoff, K., Barton, S., Wylie, S.A., Kubovy, M., & Claassen, D.O. (2015). Dysrhythmia of Timed Movements in Parkinson's Disease and Freezing of Gait. *Brain Research.* 1624, 222-231. *Authors contributed equally

19. Open Science Collaboration. (2015). Estimating the Reproducibility of Psychological Science. *Science.* 349 *(6251)*, aac4716.

20. Willingham, D.T., Hughes, E.M., & Dobolyi, D.G. (2015). The Scientific Status of Learning Styles Theories. *Teaching of Psychology.* 42*(3)*, 266-271.

21. Dodson, C.S., & Dobolyi, D.G. (2015). Misinterpreting eyewitness expressions of confidence: The featural justification effect. *Law and Human Behavior.* 39*(3)*, 266-280. (live demo)

22. Dobolyi, D.G., & Dodson, C.S. (2013). Eyewitness Confidence in Simultaneous and Sequential Lineups: A Criterion Shift Account for Sequential Mistaken Identification Overconfidence. *Journal of Experimental Psychology: Applied.* 19*(4)*, 345-357. (live demo)

Recent Grants

3. "EAGER: Understanding the Assumptions of Principal Investigators". Co-PI (with Berente, N.) Funded by National Science Foundation (NSF; CNS-2129230).
4. "Machine Learning Methods for Causal Inference in Digital Experimentation Platforms." Co-PI (with Abbasi, A., Kelley, K.). Funded by eBay.
5. "NLP for the Greater Good: A Robust Deep Learning Framework." Co-PI. (with Abbasi, A.). Funded by Oracle for Research.

Awards and Honors

2024   Caruso Faculty Scholar
2023   Dean's Faculty Scholar (OLIA)
2023   Master's in Business Analytics Faculty Award
2022   Best Paper Published in ISR for 2021

Notes. 2024 Caruso Faculty Scholar award replaced 2023 Dean's Faculty Scholar (OLIA) award.

Research Articles in Progress

1. (with Dodson, C.S., Grabman, J.H., Lauren, K.E.) "Artificial Intelligence Assistance Improves People's Ability to Distinguish Correct from Incorrect Eyewitness Lineup Identifications." Working on reject and resubmit to *Proceedings of the National Academy of Sciences (PNAS)*.
2. (with Wang, Z., Yan, S.) "An Explainable Framework for Assisting the Detection of AI-Generated Textual Content." Working on revise and resubmit to *Decision Support Systems (DSS)*.
3. (with Arnulf, J.K., Handler, A., Larsen, K.R., Pillet, J.C., Queiroz, M., Sharma, R., ...) "Leveraging Artificial Intelligence in Content Validity Assessment: Development, Illustration, and Evaluation of an AI Model." Working on revise and resubmit to *MIS Quarterly (MISQ)*.
4. (with Handler, A., Tong, T.) "The New Paywall Problem: A Design Science Approach to Reducing Information Asymmetry in the Emerging Market for News as Training Data." Under review at *MIS Quarterly (MISQ)*.
5. (with Abbasi, A., Dodson, C.S., Grabman, J.H., Greenspan, R.) "The Influence of Face Recognition Ability and Race on the Relationship Between Psychological and Algorithmic Similarity." Under review at *Journal of Applied Research in Memory and Cognition (JARMAC)*.

Research Work in Progress

1. (with Vargo, C.) "News Classification for the Digital Age: The Impact of Large Language Models on Contextual Advertising and Institutional Press Sustainability." Rejected at *MIS Quarterly (MISQ)*; revising for ISR.
2. (with Sang, L.) "Large Language Models for Automated Healthcare News Assessments." Writing up the first study results.
3. (with Yan, S.) "Detection of Commercial Intent in Influencer Marketing: A Tri-Modal Deep Learning Method." Finalizing models and beginning to write up results.
4. (with Abbasi, A., Lalor, J., Qin, R.) "Textagon: Boosting Language Models with Theory-Guided Domain Adaptation." Rejected at EMNLP – currently considering alternative outlets.
5. (with Abbasi, A., Berente, N., Wright, R.T., Thatcher, J., ...) "Systematizing Confidence in Open Research and Evidence (SCORE)" with Center for Open Science (COS) and DARPA. Awaiting next stage of project.
6. (with Berente, N., ...) "EAGER: Understanding the Assumptions of Principal Investigators." Awaiting next stage of project.

Conference Proceedings

1. Gandhi, F., Dobolyi, D., Lehmann, J., & McCarthy, M. (2024). Understanding Human-AI Collaboration in Generative AI Text Detection. In the 2024 INFORMS Annual Meeting at Seattle, WA.
2. Sang, L., Dobolyi, D., & Larsen, K.R. (2024). Assessing Public Sentiment on AI-Generated Art Across the United States Using Deep Learning. In the 2024 Annual Meeting of the Academy of Management at Chicago, IL.

3. Yan, S., Wang, Z., & Dobolyi, D. (2023). A Design Framework for Detecting and Understanding AI-Generated Texts: Fusing Transformers and Linguistic Features. In the 2023 INFORMS Workshop on Data Science at Phoenix, AZ.

4. Abbasi, A., Dobolyi, D., Lalor, J.P., Netemeyer, R.G., Smith, K., & Yang, Y. (2021). Constructing a Psychometric Testbed for Fair Natural Language Processing. *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing.* 3748-3758.

5. Dobolyi, D.G., Abbasi, A., Zahedi, F.M. & Vance, A. (2020). An Ordinal Approach to Modeling and Visualizing Phishing Susceptibility. In the 2020 IEEE Conference on Intelligence and Security Informatics (ISI), Arlington, VA, 2020, pp. 1-6, doi: 10.1109/ISI49825.2020.9280478.

6. Dobolyi, D.G., Abbasi, A., Zahedi, F.M. & Vance, A. (2017). The Phishing Funnel Model for Predicting User Susceptibility to Phishing Websites. In the 2017 INFORMS Workshop on Data Science at Houston, Texas.

7. Abbasi, A., Dobolyi, D.G., Zahedi, F.M. & Vance, A. (2017). The Phishing Funnel Model: Predicting User Susceptibility to Phishing Websites. In the 2017 Winter Conference on Business Analytics at Snowbird, Utah.

8. Dobolyi, D.G., & Abbasi, A. (2016). "PhishMonger: A free and open source public archive of real-world phishing websites." In the 2016 IEEE Conference on Intelligence and Security Informatics (ISI), Tucson, AZ, 2016, pp. 31-36. doi: 10.1109/ISI.2016.7745439.

Oral Presentations

1. Dobolyi, D., Abbasi, A., Dodson, C., & Grabman, J. (2022). Face Recognition Ability Influences the Relationship Between Psychological and Algorithmic Similarity. Presented at Fall 2022 Front Range of Machine Learning Alliance Seminar Series (FoRMLA).

2. Dobolyi, D., Abbasi, A., Dodson, C., & Grabman, J. (2022). Face Recognition Ability Influences the Relationship Between Psychological and Algorithmic Similarity. Presented at 2022 Front Range Information Systems Seminar Series (FRISS).

3. Dobolyi, D.G., Abbasi, A., Zahedi, F.M. & Vance, A. (2020). An Ordinal Approach to Modeling and Visualizing Phishing Susceptibility. Presented virtually at 2020 IEEE Conference on Intelligence and Security Informatics (ISI).

4. Dobolyi, D.G., Abbasi, A., Zahedi, F.M. & Vance, A. (2017). The Phishing Funnel Model: Predicting User Susceptibility to Phishing Websites. Presented at 2017 INFORMS Workshop on Data Science at Houston, Texas.

5. Abbasi, A., Dobolyi, D.G., Zahedi, F.M. & Vance, A. (2017). The Phishing Funnel Model: Predicting User Susceptibility to Phishing Websites. Presented at 2017 Winter Conference on Business Analytics at Snowbird, Utah.

6. Dobolyi, D.G. & Abbasi, A. (2016). PhishMonger: A Free and Open Source Public Archive of Real-World Phishing Websites. Presented at 2016 IEEE Conference on Intelligence and Security Informatics (ISI) at the University of Arizona.

7. Dobolyi, D.G., & Kubovy, M. (2015). GameMaps: Using Big Data to Understand Enjoyment. Presented at 2015 Robert J. Huskey Research Exhibition at the University of Virginia.

8. Dobolyi, D.G., & Kubovy, M. (2015). GameMaps: Using Big Data to Understand Enjoyment. Presented at 2015 Graduate Research Symposium at the College of William & Mary.

9. Dobolyi, D.G., & Kubovy, M. (2015). GameMaps: Using Big Data to Understand Enjoyment. Presented at 2015 Annual North Carolina Cognition Conference at Elon University.

10. Dobolyi, D.G., & Dodson, C.S. (2014). Misinterpretation of Eyewitness Confidence: The Justification Effect. Presented at 2014 Robert J. Huskey Research Exhibition at the University of Virginia.

11. Dodson, C.S., & Dobolyi, D.G. (2014). Misinterpreting Expressions of Eyewitness Confidence: The Justification Effect. Presented by Dobolyi, D.G. at 2014 Annual North Carolina Cognition Conference at Duke University.

12. Dobolyi, D.G. (2013). Measures of the Confidence-Accuracy Relationship: An Investigation of Power. Presented at 2013 Spring LIFE Academy Conference at the University of Michigan, Ann Arbor.

13. Dobolyi, D.G. (2013). Measures of the Confidence-Accuracy Relationship: A Simulation Study of Exactness and Power. Presented at 2013 Robert J. Huskey Research Exhibition at the University of Virginia.

14. Dobolyi, D.G., & Dodson, C.S. (2012). Eyewitness Memory: Examining the Effect of Lineup Format on Same vs. Cross-Race Identification. Presented at 2012 Robert J. Huskey Research Exhibition at the University of Virginia.
15. Dobolyi, D.G., & Dodson, C.S. (2012). Eyewitness Memory: Examining the Effect of Lineup Format on Same vs. Cross-Race Identification. Presented at 2012 Annual North Carolina Cognition Conference at the University of North Carolina, Chapel Hill.

Poster Presentations

1. Kelso, L., Grabman, J., Dobolyi, D.G., & Dodson, C. (2024). Does AI-assistance improve people's ability to discriminate between correct and incorrect eyewitness identifications? Poster to be presented at 2024 Annual Psychonomic Society, New York, NY.
2. Gettleman, J.N., Dobolyi, D.G., & Dodson, C.S. (2023). Do verbal judgments of learning predict cued recall accuracy? Poster presented at 2023 Annual Psychonomic Society, San Francisco, CA.
3. Kelso, L., Gettleman, J., Dobolyi, D., & Dodson, C. (2023). Interference and Memory: When should an eyewitness be burned? Poster presented at 2023 Annual Psychonomic Society, San Francisco, CA.
4. Gettleman, J.N., Dobolyi, D.G., & Dodson, C.S. (2021). Verbal justifications improve the predictive value of numeric judgments of learning for eyewitness identifications. Poster presented at 2021 Annual Psychonomic Society, New Orleans, LA. Winner of a 2021 Graduate Conference Award.
5. Somanchi, S., Abbasi, A., Dobolyi, D., Kelley, K. & Yuan, T.T. (2021). User and Session Heterogeneity in Digital Experiments: A Framework for Analysis and Understanding. Poster presented virtually with 2-minute pre-recorded slam session at 2021 Conference on Digital Experimentation @ MIT (CODE@MIT).
6. Dobolyi, D.G. & Abbasi, A. (2016). PhishMonger: A Free and Open Source Public Archive of Real-World Phishing Websites. Poster presented at 2016 IEEE Conference on Intelligence and Security Informatics (ISI) at the University of Arizona.
7. Dobolyi, D.G., & Dodson, C.S. (2013). Confidence and Eyewitness Identification: Does the Choice of Scale Matter? Poster presented at 2013 Presidential Poster Competition, Charlottesville, VA.
8. Dobolyi, D.G., & Dodson, C.S. (2012). Confidence and Eyewitness Identification: Does the Type of Scale Matter? Poster presented at 2012 Annual Psychonomic Society, Minneapolis, MN.
9. Dobolyi, D.G., & Dodson, C.S. (2012). Confidence and Eyewitness Identification: Does the Type of Scale Matter? Poster presented at 2012 Fall LIFE Academy Conference, Charlottesville, VA.
10. Dobolyi, D.G. (2012). Eyewitness Lineups: Examining the Effect of Lineup Race on Lineup Format. Poster presented at 2012 APS Conference, Chicago, IL.
11. Dobolyi, D.G., & Dodson, C.S. (2012). Now You See Me and Now You See Me Again: Investigating Source Confusion and High Confidence Errors for Mugbook Presentations in Younger and Older Adults. Poster presented at 2012 Spring LIFE Academy Conference at the Max Planck Institute, Berlin, Germany.
12. Dobolyi, D.G., & Dodson, C.S. (2011). Eyewitness Lineups: Examining the Effect of Lineup Race on Lineup Format. Poster presented at 2011 Annual Psychonomic Society, Seattle, WA.

Graduate School Research Experience

Dodson Cognition Lab	Conducted research on eyewitness memory for publication (e.g., what is the best way to conduct a lineup? how do we understand eyewitness confidence?).
	• Developed a custom infrastructure for running mTurk- and lab-based studies (live demo)
	• Conducted data analyses in R (e.g., mixed-effects modeling, receiver operating characteristic, simulation)
	• Published journal articles and presented at conferences
	• Wrote grant applications

Kubovy Perception Lab	Developed *GameMaps*, a big data project aimed at understanding enjoyment, positivity, and excitement using Twitter and game statistics for the 2013-2014 NBA season.
	• Collected 140+ GB of NBA Twitter Data via Stream API
	• Wrote an *R* package to collect, organize, and visualize NBA.com/stats data in combination with Twitter volume
	• Organized and synchronized data into a single time series and developed a classification of game types
	• Conducted analyses in *R* using methods including: regression, cluster analysis, Granger causality, etc.
	• Presented results at conferences
Jonathan Haidt	Improved access to data on YourMorals.org, a platform for conducting online research about morality. Secondary tasks include creating and supporting various websites.
	• Developed the YMDownloader SPSS Integration Tool
	• Created studies and curated study databases
	• Assisted and trained YourMorals.org researchers
	• Served as webmaster for EthicalSystems.org, RighteousMind.org, MoralFoundations.org, CivilPolitics.org, etc.
Daniel Claassen, MD	Conducted data analyses on medical research involving patients with Parkinson's disease and other impairments.
	• Recovered and analyzed problematic data
	• Conducted multi-model, mixed-effects analysis of time series data using a natural splines approach
	• Co-authored journal publications
Daniel Willingham	Developed and conducted an online study for education research regarding learning styles.
	• Developed and ran the study on mTurk using a custom-developed platform
	• Conducted data analyses
	• Contributed to a published research article

Graduate School Teaching Assistant Experience

2015, 2014	Departmental Statistical Consultant
2014	R Statistics Bootcamp for Incoming Graduate Students
2014, 2013	Quantitative Methods II: Experimental Design (PSYC 7720)
2013, 2012	Quantitative Methods I: Probability and Statistical Inference (PSYC 7710)
2012	Advanced Data Analysis and Research Methods: Mathematical Foundations of Cognitive Psychology (PSYC 4005)
2011	Psychology of Art (PSYC 3559)
2011	Research Methods and Data Analysis II (PSYC 3006)
2010	Introduction to Cognition (PSYC 2150)
2009	Introduction to Perception (PSYC 2300)

Graduate School Awards and Honors

2015	Robert J. Huskey Research Exhibition – 3rd Place Oral Presentation Award
2014	Collaborative Graduate Student Research in Big Data Pre-Proposal Travel Award
2013	Presidential Poster Competition Winner and Travel Award
2013	Robert J. Huskey Research Exhibition – 2nd Place Oral Presentation Award
2012	Robert J. Huskey Research Exhibition – 1st Place Oral Presentation Award
2011	Fellow, LIFE Academy at the Max Planck Institute in Berlin, Germany

Programming, Statistical, and Technical Skills

Programming, Frameworks, & Markup Languages	R, Python, PHP, Java, JavaScript/jQuery, Node.js, SQL, NoSQL, Cordova, Shiny, Dash, HTML/CSS, LaTeX
Version Control	Git (see my GitHub)
CMS	WordPress, Drupal
Statistics	Machine Learning, Model Comparison, Mixed Effects Modeling, Multivariate Statistics, Structural Equation Modeling, Cluster Analysis, Receiver Operating Characteristic (ROC), Monte Carlo Simulation, Time Series Analysis, Natural Language Processing, Sentiment Analysis
Statistical Software	SPSS, SAS, Stata
Hardware	PC/Mac Desktop and Laptop Hardware Assembly, Disassembly, and Repair

Languages

English, Hungarian