Jim Kloet [klut]

Data Scientist & Analytics Manager

Chicago, IL, USA

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Summary

- Data-driven storyteller with professional experience in several industries, including education, healthcare, and consumer-packaged goods

- Multi-disciplinary background in modeling, experimental design, inferential statistics, and data visualization

- Dedicated manager and team leader with a passion for teaching and developing others

Experience

ABC Supply Co.   *Chicago, IL, USA*

Data Scientist   *2019 - present*

- Lead data science initiatives across a variety of domains, including workforce management, retention, security, and e-commerce
- Test hypotheses and tell stories with data to audiences from retail branch managers to C-Suite
- Create and disseminate standards and best practices in data visualization and code management with R packages
- Develop project plans and supervise students and interns on capstone projects and hackathons with university partners

Nielsen   *Chicago, IL, USA*

Lead Data Scientist, *Data Science as a Service*   *2019 - 2019*

- Lead engagements for Data Science as a Service team in the consumer packaged goods space
- Developed containerized pipelines to ETL data to and from AWS environments using Python
- Generated recommendations for optimal nationwide pricing and promotion strategies, delivered via Tableau dashboard

Mattersight *(acquired by NICE in 2018)*   *Chicago, IL, USA*

Senior Data Scientist, Director, *Insights & Analytics*   *2016 - 2019*

- Managed team of data scientists and analysts responsible for reporting and ad-hoc analysis for all subscription clients
- Developed analytic tools in R and SQL to scale implementation of best practices in statistical analyses and data visualization
- Automated client-facing reporting, enabling data scientists and analysts to reallocate hundreds of hours away from manual report generation
- Led presentations for clients and internal audiences on development and use cases for predictive analytics, esp. predictive CX measures

Data Scientist, *Product Research & Development*   *2015 - 2016*

- Developed and implemented predictive models for several use cases, including ranking call center agents, customer experience, and segmentation
- Created case studies with data from the Chicago Data Portal, used in interview process for data science candidates

RotoViz   *rotoviz.com*

Application Developer   *2018 - 2019*

- Develop web applications to give users insights into performance of professional sports teams and players
- Train new writers and developers in data science and data visualization methods using R

Contributing Writer   *2013 - 2018*

- Mined sports data, primarily football, and reported findings on blog posts and podcasts
- Collaborated on best practices for data visualization with site editors

Northwestern University   *Evanston, IL, USA*

Doctoral Candidate, Graduate Research Assistant, *Communication Sciences & Disorders*   *2011 - 2015*

- Designed experiments to investigate language and learning in the brain using fMRI and rTMS
- Collected and analyzed data using linear regression, mixed-effect models, and machine learning
- Presented experimental results at conferences, invited lectures, and in peer-reviewed publications
- Delivered lectures to undergraduate and graduate students on topics in cognitive neuroscience and stats

Contributing Writer, *Helix Magazine, fka Science in Society*   *2013 - 2014*

- Published 35 articles and blog posts about topics in cognitive neuroscience, intended for audiences of non-scientists
- Appeared on the *Very Bad Words* podcast to discuss the special way that our brain treats curse words

Research Technician, *Aphasia & Neurolinguistics Research Lab*   *2009 - 2011*

- Collected and analyzed narrative, cognitive testing, and neuroimaging data from adults and patients with aphasia
- Administered standardized and experimental speech and language treatments to patients with language disorders

Skills

Programming	R, SQL, Python, git, Matlab, LaTeX
Big Data	Azure, DataBricks, Hive, Impala, Hue, Beeline
Productivity	Slack, Microsoft Office, Google G Suite, Atlassian Dev & Collab Tools
Data Visualization	ggplot2, plot.ly, Excel, Tableau, d3
Statistical Software	R, JMP, SPSS, SAS

Education

INSTITUTIONS & DEGREES

Northwestern University
Evanston, IL, USA

MA, PhD (ALL BUT DISSERTATION), *Cognitive Science, Communication Sciences & Disorders* — *2015*

- Qualifying Research Project: Verb Argument Structure Processing in Temporoparietal Cortex (an rTMS Investigation)
- External Funding: NIH T32 Translational Research Fellowship, 2014 - 2015

University of Michigan
Ann Arbor, MI, USA

BA, *Psychology* — *2006*

- Focus: Biological Psychology, Personality & Social Psychology

Grand Valley State University
Allendale, MI, USA

POST-UNDERGRADUATE COURSEWORK AND RESEARCH EXPERIENCE, *Psychology and Statistics* — *2008*

- Focus: Psychology of Religion, Personality & Social Psychology

SELECTED PEER REVIEWED PUBLICATIONS & PRESENTATIONS

Peer-Reviewed Publications

- Hammer, R., **Kloet, J.** & Booth, J. R. (2016). Developmental changes between childhood and adulthood in passive observational and interactive feedback-based categorization rule learning. Developmental Science, 19, 967?981.
- Galen, L.W., & **Kloet, J.** (2011). Personality and Social Integration Factors Distinguishing Nonreligious from Religious Groups: The Importance of Controlling for Attendance and Demographics. Archive for the Psychology of Religion, 33(2), 205-228.
- Galen, L.W., & **Kloet, J.** (2010). Mental well-being in the religious and the non-religious: Evidence for a curvilinear relationship. Mental Health, Religion, & Culture, 14(7), 673-689.

Presentations

- **Kloet, J.**, & Barbieri, E. (2014). Treatment of Primary Progressive Aphasia with noninvasive brain stimulation. Invited talk, sponsored by The Roxelyn & Richard Pepper Department of Communication Sciences and Disorders, the Ruth L. Kirchstein NRSA Institutional Training Grant (T32), and the NIDCD, May 12, Northwestern University, Evanston, IL.
- **Kloet, J.**, & Lakey, B. (2009). A Generalizability Theory approach to if…, then…, situation-behavior relations using Major League Baseball data. Poster presented at Midwestern Psychological Association 81st Annual Meeting, Chicago, IL.