

Chris Jenkins

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An analytics professional, Ph.D. graduate in experimental psychology, and coder focused on methods for data manipulation and analysis. Trained in statistical modeling, predictive analytics, and experimental design; experienced with social media product development; a domain expert in human behavior. Seeking opportunities to apply and expand my machine learning skill set.

Education

- **PH.D., EXPERIMENTAL PSYCHOLOGY (2014)**, University of New Mexico. Major emphasis: Evolution and Development; minor emphasis: Quantitative Methods.
- **B.S., PSYCHOLOGY (2003)**, *summa cum laude*, Barrett Honors College at Arizona State University.

Employment and Teaching

SENIOR MANAGER, DATA SCIENCE AND ANALYTICS: SNAP Interactive (New York, NY) Dec. 2016 – present
MANAGER, PRODUCT ANALYTICS: SNAP Interactive (New York, NY) Oct. 2015 – Dec. 2016

SNAP Interactive develops applications for dating (FirstMet, 50more, The Grade) and live video chat (Paltalk, Camfrog, TinyChat).

Business analytics lead for dating products, reporting to CEO; Providing analysis across all departments to support data-driven marketing decisions, product improvements, and operations oversight. Responsible for defining metrics and working with engineers to implement measurement, designing and analyzing A/B tests, analyzing marketing ROI, revenue optimizations, ad-hoc querying and dashboarding with structured and unstructured data. Designed the core recommendation engine for a new dating application.

ONLINE ANALYTICS AND OPTIMIZATION COORDINATOR: People for the Ethical Treatment of Animals Jun. 2015 – Oct. 2015

Designed, ran, and evaluated optimization tests for all of the organization's websites; reported on user behavior and social media interactions for program evaluation; wrote scripts and API handlers to automate data extraction.

MARKETING MANAGER: Centre for Effective Altruism Mar. 2015 – Jun. 2015

Worked with authors to promote book releases (*The Most Good You Can Do*; *Doing Good Better*) via social media and web campaigns.

ADJUNCT LECTURER: University of New Mexico, Department of Psychology Dec. 2014 – Dec. 2015

GRADUATE INSTRUCTOR: University of New Mexico, Department of Psychology Dec. 2009 – Dec. 2014

Independently designed two University courses, Statistical Principles and The Psychology of Human Sexuality, and taught these courses during and after graduate training in psychology. Trained and supervised undergraduate research assistants and communicated research findings to scientific audiences.

RESEARCH ASSISTANT: Center on Alcoholism, Substance Abuse, and Addictions at U. of New Mexico Dec. 2010 – Jun. 2011

Performed data analysis for a longitudinal study of twelve-step group members. Used multilevel linear modeling techniques, developed SPSS scripts to clean data and produce visualizations, and published findings.

Technical Skills

- **QUANTITATIVE TRAINING:** Expertise in use of advanced linear models, data reduction techniques, and multiple regression modeling. Graduate courses completed at the University of New Mexico include Advanced Statistics, Design and Analysis of Experiments, Structural Equation Modeling, Multivariate Techniques, and Psychometrics.
- **LANGUAGES AND SOFTWARE:** Expertise in Python, including use of Pandas for data transformation; strong proficiency in SPSS (statistical analysis), Splunk (unstructured big data processing), and advanced Excel functions; competence with SQL, some experience with R, Flask, Solr/Lucene, C, .NET, MATLAB, and Git. Familiar with agile workflow and project management.

Notable Research Projects

- **DISSERTATION PROJECT:** "Sensorimotor Synchronization and Individual Differences in Intelligence: A Chronometric Perspective on Music Evolution." Studies tested predictions from a biological signaling hypothesis of musical synchronization abilities in humans. I developed data acquisition software in C and used Python, SPSS, and R to prepare and model data from psychometric test outcomes and 1.1 million movement timing measurements. Code and data are published on GitHub (see JenkinsC.com).
- **PUBLICATION:** Jenkins & Tonigan (2011). Attachment avoidance and anxiety as predictors of 12-step group engagement (*Journal of Studies Alcohol and Drugs*). Applied multilevel modeling of behavioral change over 2 years.
- **PRESENTATIONS:** Two talks and two posters presented to the Human Behavior and Evolution Society conference, covering motor timing, sexual selection, behavior genetics, and teaching methods.

References

Geoffrey Miller (author of *Spent* and *The Mating Mind*, marketing consultant, professor of evolutionary psychology at U. New Mexico): gfmiller@unm.edu. Other contact information available on request.