

Kailen Shantz

Data Scientist



Personal Info

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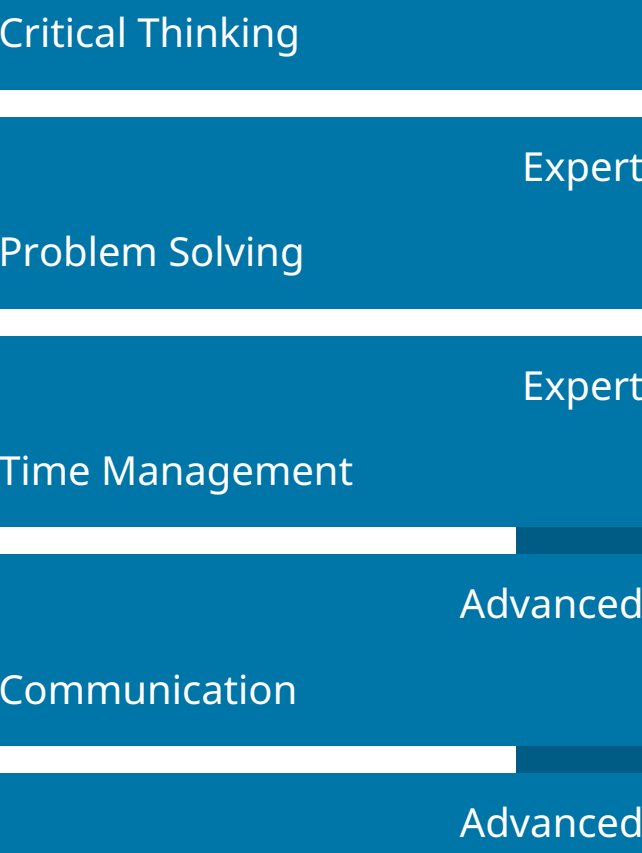
E-mail
kailen.shantz@gmail.com

Date of birth
26.09.1988

LinkedIn
linkedin.com/in/kailen-shantz/

Citizenship
Canadian

Soft Skills



Junior data scientist with 6+ years experience in data analysis and project work. Skilled in machine learning, statistics, problem solving and communication.

Experience

2014 - 2018	PhD Student <i>University of Illinois</i> <ul style="list-style-type: none">Designed, built and deployed experiments to study human behaviourGained insights into human behaviour using machine learning tools (e.g. regression, independent component analysis, factor analysis)Reported results in academic journals and at international conferencesTrained junior PhD, MA and BA students on procedures, software etc.Taught courses and workshops on psycholinguistics, statistics and R
2015 - 2016	Chair of Conference Committee <i>University of Illinois</i> <ul style="list-style-type: none">Led a team of 8 graduate students in organizing an annual conferenceSet and managed the weekly agenda and long-term timelineDelegated tasks to committee membersProcured funding from university departments and organizationsCoordinated travel and accommodations for invited speakersDisseminated information about conference

Education

2014 - 2018	PhD in Linguistics, University of Illinois, USA Thesis: <i>Why wait? Psycholinguistic investigations of the roles of learning condition and gender stability in L2 gender-based anticipation</i> GPA: 4.0
2012 - 2014	MSc in Linguistics, University of Alberta, Canada Thesis: <i>Graded effects of first and second language orthography on pronunciation during second language acquisition</i> GPA: 4.0
2008 - 2012	BA in German Language and Literature, University of Alberta, Canada Thesis: <i>Pronouncing Anglicisms: On the difficulty experienced by English-dominant learners of German</i> GPA: 3.8

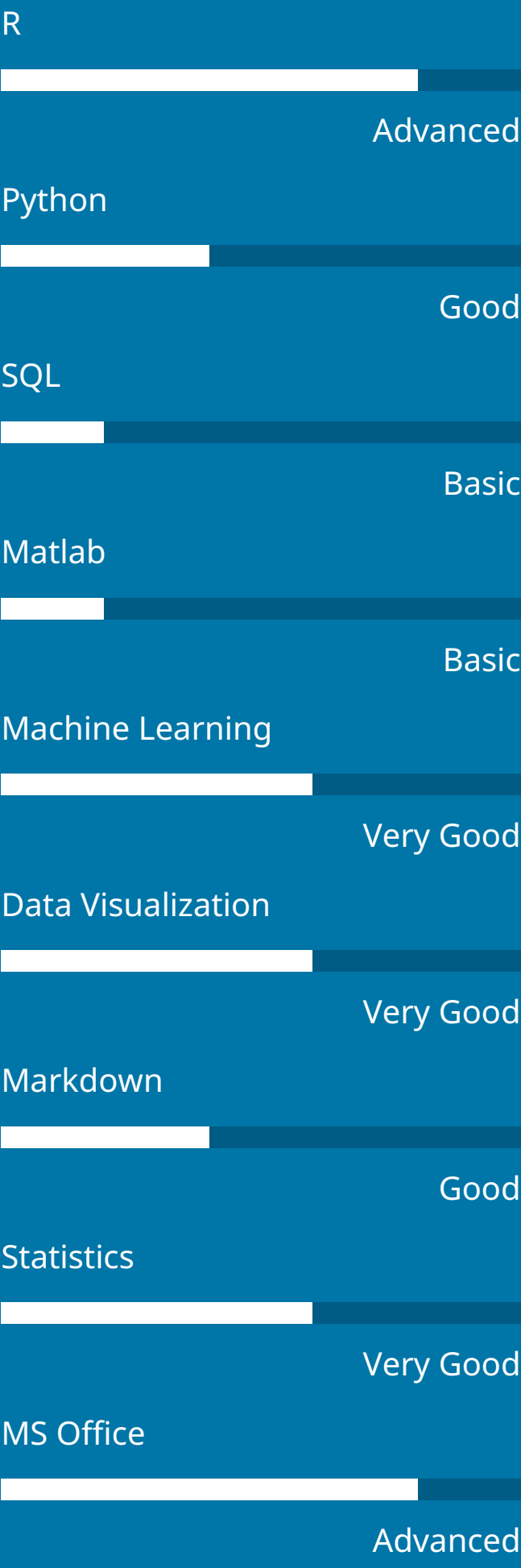
Certifications

2018	Data Scientist with R – DataCamp
2018	Machine Learning – Stanford University on Coursera

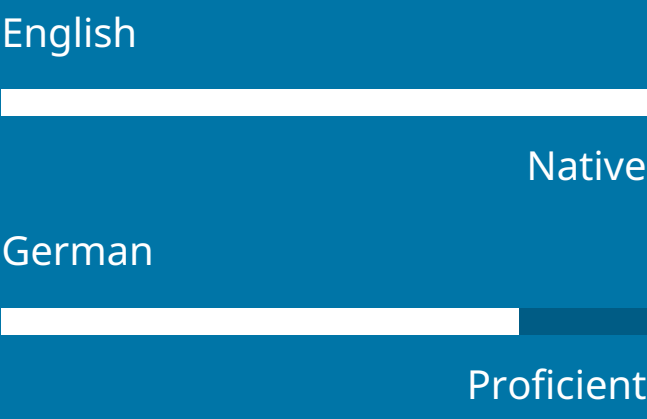
Publications

2018	Kimball, A., Shantz, K. , Eager, C., & Roy, J. (2018). <i>Confronting quasi-separation in logistic mixed effects for linguistic data: A Bayesian approach</i> . Journal of Quantitative Linguistics. Advanced online publication.
2017	Shantz, K. (2017). Phrase frequency, proficiency and grammaticality interact in non-native processing: Implications for theories of SLA. <i>Second Language Research</i> 33(1), 91-118.
2017	Shantz, K. & Tanner, D. (2017). Talking out of order: Task order and retrieval of grammatical gender and phonology in lexical access. <i>Language,</i>

Technical Skills



Languages



Cognition and Neuroscience, 32 (1), 82-101.

Courses

2016	Regression Modeling with Nonlinear Data
2015	Statistical Models in Linguistics
2015	Advanced Probabilistic Modeling in R
2015	Analyzing Time Series Data using GAMs

Interests

- Cooking
- Baking
- Piano