

JOSEPH TYLER

Oakland, CA 94618
josephctyler@gmail.com, josephctyler.com, 734-834-8333

SKILLS

Linguistics (discourse)	Experiment & survey design	Fluent in German and French
Speech analysis (prosody)	SQL queries of large datasets	Data collection/analysis
Conversation Design	Statistical analysis (R, SPSS)	Machine Learning/NLP

WORK EXPERIENCE

- Conversation Designer**, Sense.ly, Oakland *Jan 2017 –*
- Designing and building new conversations for the Sensely app
 - Data analysis of conversational data
- Linguistic Advisor**, ObEN Inc, Oakland *Nov 2016 – Jan 2017*
- Phonetic labeling of speech and singing audio for TTS (text to speech synthesis)
- Data Science Analyst**, TuneIn, San Francisco *Feb-May 2016*
- Used SQL to query listening behavior, A/B testing, stats of results
 - Insights emails and presentations shared across company
 - Moderated 6 usability testing sessions, shared results which drove product direction
- Research Associate**, Morehead State University, Morehead, KY *2014-2015*
- Designed and ran 10+ experiments, up to 12 surveys each, involving 500+ subjects
 - Built statistical models in R (linear, logistic and ordinal mixed effects models)
 - Analyzed data in R (20000+ lines of data, 20+ variables, graphing)
 - Automated import scripts for Qualtrics surveys, repeatable, 10x faster than previous methods
- Assistant Professor**, Qatar University, Doha, Qatar *2012-2014*
- Designed and ran 6+ experiments on American English, with 200+ subjects, from Qatar
 - Built two corpora annotated for semantic and acoustic features
 - Extracted acoustic data automatically (duration, pitch, intensity) with Praat scripts
- Graduate Student**, University of Michigan *2007-2012*
- Wrote 163-page dissertation on intonation in speech and comprehension of discourse
 - Developed online data collection process, 100x faster, with Mechanical Turk and Qualtrics
- Editor**, Lone Buffalo, Inc., Ann Arbor, MI *2003-2007*
- Prepared over 300 electronic clipsheets (collections of highly focused news stories tailored to client needs) for end clients Toyota, Pfizer and JP Morgan, including research and translation from **German** and **French**, media analysis, editing and summarizing.

EDUCATION

- University of Michigan**, PhD in Linguistics *2007-2012*
Experimental investigation of intonational meaning and discourse structure
- Georgetown University**, BS in German *1999-2003*
Magna Cum Laude, Phi Beta Kappa

OTHER INTERESTS

Food (gardening, foraging, cooking), *biking*, *electronic music*, *board games*