

BENJAMIN GITTELSON

3 AYR ROAD, UNIT 2, BRIGHTON, MA 02135 — BEN.GITTELSON@GMAIL.COM — 404-617-9997

EDUCATION

Georgia Institute of Technology August 2016-May 2017
Independent coursework in integral and multivariable calculus, linear algebra, discrete math, computer organization and programming, and artificial intelligence

Saint Edmund's College, University of Cambridge , **M. Phil., Linguistics**, June 2016 | Distinction
Honors: Columbia University Kellett Fellowship (tuition and living stipend for graduate study) and Cambridge Trust Cambridge Assessment Scholarship (tuition for linguistics degree)
Relevant coursework: computational linguistics, multivariate analysis, factor analysis

Columbia College, Columbia University **B.A., Linguistics**, May 2015 | GPA: 4.02
Honors: Dean's List every semester, *summa cum laude*, Phi Beta Kappa, Foreign Language and Area Studies Fellowship (full tuition, room, and board for Swahili language program in Kenya)
Relevant coursework: object-oriented programming, data structures and algorithms, scientific computing, statistics

EXPERIENCE

Amazon (Alexa Data Services) Boston, Massachusetts
Linguist - US English September 2017-Present
• Develop guidelines for annotation and transcription of new lexicon entries, leading to team-wide increases in accuracy
• Create over 500 new lexicon entries per week to improve automatic speech recognition and text-to-speech synthesis

Applerouth Tutoring Services Atlanta, Georgia
Tutor September 2016-August 2017
• Tutored high school students in calculus, statistics, and standardized test preparation

Spoken Language Processing Group, Columbia University New York, New York
Research Assistant June-September 2015
• Led collection of crowd sourced sentences for evaluation and development of text-to-scene converter
• Created Amazon Mechanical Turk task for data gathering using HTML, CSS, and JavaScript

Center for the Study of Language and Information, Stanford University Stanford, California
Research Intern June-August 2014
• Developed 1,300-participant study on computational models of conversational inference and analyzed results in R
• Coded interactive website for experiment in HTML, CSS, and JavaScript

Phonetics and Experimental Phonology Lab, New York University New York, New York
Research Assistant September 2013-January 2014
• Carried out acoustic analyses of nearly 20 recordings of American English speech for research article

Polinsky Language Sciences Lab, Harvard University Cambridge, Massachusetts
Research Assistant (Heritage English research team) May 2012-February 2014
• Conducted experiments investigating English language acquisition of Anglophone expatriate children in France

ACADEMIC PRESENTATIONS

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- (Gittelson, Li, Leemann). "Acoustic voice quality analysis of 1000+ speakers from across the UK." British Association of Academic Phoneticians. Canterbury. April 2018.
 - (Gittelson, Li, Leemann, Britain, Kolly). "Preliminary UK Population Data on Voice Quality." International Association for Forensic Phonetics and Acoustics. York. July 2016. Poster presentation.
 - "Negation in Biomedical Discourse." Saint Edmund's Student Conference. Cambridge. February 2016.

SKILLS

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- Programming languages and libraries: Python, Java, C, R, Stata, scikit-learn, basic JavaScript, HTML, and CSS
 - Linguistics: Praat, IPA and XSAMPA transcription
 - Natural languages: French (conversational), Swahili (conversational)