Micaela Kaplan

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EDUCATION

Brandeis University, Waltham, MA

M.S. in Computational Linguistics expected May 2020

B.A. in Linguistics and Computer Science May 2019 GPA: 3.7 (Dean's list 6 semesters), Magna Cum Laude
Relevant Coursework: *Statistical Approaches to Natural Language Processing, Computational Semantics, Fundamentals of Computational Linguistics, Annotation for Machine Learning, Introduction to Natural Language Processing, Automated Speech Recognition, Data Structures and Fundamentals of Computing, Introduction to Java, Advanced Programing Techniques, Formal Semantics, Syntactic Theory, Morphology, Phonological Theory, Phonetics*

RECENT PROJECTS

Fluency Friend a virtual language learning assistant, Fall 2018
- Designed and Implemented an Alexa skill to help Spanish Language Learners with everyday commands
- Used SSML to create a bilingual skill, having Alexa speak English and Spanish in the same utterance

Built SlackBot as a Virtual Real Estate Agent, Fall 2018
- Developed the conversational intents and entities for natural conversation using DialogFlow, and integrated to Slack
- Wrote webhook for the back end, parsing the data file of housing listings and returning those that matched the user's requests

SKILLS

Programming: Python, Pandas, Numpy, MatPlotLib, SciKit-Learn, SciPy, Natural Language Toolkit, Librosa, Java, Github, DialogFlow, Alexa Developer Tools, Kaldi, basic HTML/CSS

Software: PyCharm, Eclipse, Praat, DataRobot, Microsoft Office
Languages: Fluent in English, Advanced Spanish

RELEVANT EXPERIENCE

CallMiner, Waltham, MA January 2019 – Present
Natural Language Processing and Machine Learning Research Intern
- Research on acoustic features for sentiment analysis
- Application of machine learning, including data preparation, feature extraction for text and acoustics, and model and algorithm analysis
- Manage a team of annotators to create a golden set of data for machine learning

Adobe, Newton, MA *Linguistic Annotator* August 2018 - December 2018
- Used annotation software to prepare semantic information to be used in machine learning
- Worked remotely with a team to ensure consistency across annotations and develop an effective annotation schema

Data Structures and Fundamentals of Computing, Brandeis University *Teaching Assistant* Fall 2018
- Held office hours to help students with data structure analysis, code review, algorithm evaluation, and assignments

ADDITIONAL EXPERIENCE

AwesomeMath Summer Program, Plano, TX   Summer 2015, 2016, 2017,2018
Residential Assistant, Program Coordinator
- Ran the Residential side of camp life, aiding students in their adjustment to living away from home and supervised the Residential Assistants, guiding and facilitating the implementation of camp activities