

Christopher Haberland

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EDUCATION	Master of Science, Computational Linguistics GPA: 3.98 ; University of Washington, Seattle, WA	<i>expected</i> Dec 2018
	Master of Public Policy Thesis: <i>Compliance with the EPA's Clean Power Plan</i> GPA: 3.67 ; University of Virginia, Charlottesville, VA	May 2015
	Bachelor of Arts, Middle Eastern Languages and Literatures Second Major: Spanish: Literature and Culture; Minor in Economics GPA: 3.77 ; University of Virginia, Charlottesville, VA	May 2013
EXPERIENCE	Data Science Fellow, University of Washington • Implementing machine learning algorithms for classifying degrees of monetary damages across the Houston metropolitan area following Hurricane Harvey	June 2018-present
	Researcher (contract), TNC • Developed custom ontological tagging schema and annotation program to create gold-label training data • Trained and evaluated skip-gram, cbow, SVM, logistic regression, and random forest for classification of tripadvisor.com text data that evince economic activity dependent upon coral reefs	Jan 2018-present
	Intern, U.S. Department of State • Designed chatbot that answers hundreds of thousands of geopolitical questions using Heroku, api.ai, Python, and MongoDB	Oct 2016-Aug 2017
	Economics Fellow, U.S. Forest Service • Synthesize technical reports evaluating available economic data, documents, models, and geospatial economic valuation tools for ecosystem services assessment • Developed Python tools to scrape and visualize agency research trends	Oct 2015-Aug 2017
	fastTools Tools for preprocessing and tagging of input documents and evaluation of machine learning models for text classification using fastText, Sci-kit learn, NumPy libraries	
SKILLS	Programming Languages NLP & ML Geospatial Version Control Database and Ontological	<i>Proficient in</i> Python and <i>experience with</i> R, Java, Swift English (native), Spanish (proficient), Arabic (advanced), Persian (intermediate), Basque (beginner) fastText, NLTK, sklearn, spacy, PyTorch, Tensorflow ArcGIS, ArcGIS Online, QGIS, GeoPandas Git, Mercurial PostgreSQL, SQLite, NoSQL, SPARQL
COURSES	Advanced Statistical Methods in NLP Deep Processing Techniques for NLP Intro to Syntax for Computational Linguistics	Sociolinguistics Intro to Econometrics Statistical Machine Learning
HONORS	Foreign Language Area Scholarship \$33,000 award to study computational linguistics and the Arabic language	Oct 2017 - May 2018
	Critical Language Scholarship Recipient of U.S. Department of State award to study Arabic in Rabat, Morocco	Jun - Aug 2013
	Honor Societies: Phi Beta Kappa, NSCS, Golden Key	