

Christopher H. Brown

chrisbrown@utexas.edu

August 31, 2018

RESEARCH	Automatic classification of influence with applications to political science, sociology, and academic publishing; using methods from cognitive science, crowd-sourcing, machine learning, and natural language processing; focusing on textual features and social network structure.		
KEYWORDS	Citation analysis, citation prediction, machine learning, statistical inference, sentiment analysis, natural language processing, computational linguistics		
EDUCATION	Ph.D. Linguistics, 2018 University of Texas at Austin Advisor: David I. Beaver	B.A. English, 2009 University of Dallas <i>Magna cum Laude</i>	GRE 1580 out of 1600 SAT 1600 out of 1600 National Merit Scholar
TECHNICAL SKILLS	Languages: Python, Clojure, Scala, TypeScript, JavaScript, Ruby, Swift, Go, R Platforms/Frameworks/Databases: AWS, Spark, Node.js, PostgreSQL, React, Rails		
INDUSTRY EXPERIENCE	PeoplePattern.com		2014 – 2015
	Machine Learning / NLP Consulting (Exemplar Technologies, Conversable)		2013 – 2017
	Data Science for Social Good Fellowship		2013
	Nixu Software Oy Ltd		2012 – 2013
	Affluent Motors		2010 – Present
	Academia.edu		2009
	Kevin Majeres, MD		2009 – Present
	Google Summer of Code (Inkscape)		2007
	Freelance Web Development (CompoundThinking, Internet Tool & Die)		2006 – 2011
	Catholic Home Loan		2006 – 2009
COMMUNITY & ACADEMIA	Strange Loop		2017
	Clojure/conj		2016
	Research Assistant		Fall 2012 – Present
	Conference organization assistant: SALT 26		2016
	Conference co-organizer and proceedings editor: TLS 15		2014 – 2015
	Austin PhDs in Tech group organizer		2014
	Graduate Student Technician		Summer 2012
	Authoritarian Regimes (NSF) Research Assistant		Spring 2012
	<i>Semantics & Pragmatics</i> Publication Assistant		2011 – Present
	Teaching Assistant (Course: “Minds and Machines”)		Spring 2013
	Summer school co-organizer: NASSLLI 6		2012
	Conference peer reviewer: Texas Linguistics Society		2012
	Member of the Linguistic Society of America		2011 – 2012

API Hackday - Grand prize winner 2011
PyCon (Atlanta) 2010

PUBLICATIONS &
PRESENTATIONS

Christopher H. Brown. Analyzing group behavior from language use with Natural Language Processing and experimental methods: Three applications in political science and sociology. Ph.D. Dissertation, University of Texas at Austin. 2018

Colin Bannard, Mariana Leriche, Oliver Bandmann, Christopher H. Brown, Elisa Ferracane, Álvaro Sánchez-Ferro, José Obeso, Peter Redgrave, Tom Stafford. Reduced habit-driven errors in Parkinson's Disease. PsyArXiv preprint. Under submission to *Nature Scientific Reports*. <https://doi.org/10.31234/osf.io/b25tf> 2018

Kristin Denlinger, Christopher Brown, David Beaver. Article on Donald Trump's distinctive patterns of word use. *Asahi Weekly* (a subdivision of *Asahi Shinbun*, one of Japan's biggest newspapers), January 21, 2018. 2018

David Beaver, Jason Stanley. Data analysis by Christopher Brown. Unlike all previous U.S. presidents, Trump almost never mentions democratic ideals. *The Washington Post*, February 7, 2017. <http://wapo.st/2leo4Cw> 2017

Editors Christopher Brown, Qianping Gu, Cornelia Loos, Jason Mielens, Grace Neveu. Proceedings of the 15th Texas Linguistic Society. <http://tls.ling.utexas.edu/2014tls/TLS15-Proceedings.pdf> 2015

Zahra Ashktorab, Christopher Brown, Manojit Nandi, Aron Culotta. Tweedr: Mining Twitter to Inform Disaster Response. Proceedings of the 11th International ISCRAM Conference. <https://github.com/dssg/tweedr> 2014

Muhammad Abdul-Mageed, Christopher Brown, Dua'a Abu-Elhij'a. Twitter in the Context of the Arab Spring (2013). 14th Annual Conference of the Association of Internet Research (AoIR). <https://spir.aoir.org/index.php/spir/article/view/683> 2013

Christopher Brown, Joey Frazee, David Beaver, Xiong Liu, Fred Hoyt, Jeff Hancock. Evolution of Sentiment in the Libyan Revolution (2011). Modeling Discourse and Social Dynamics in Authoritarian Regimes. Working Paper for the NSF Minerva Project. <https://webpace.utexas.edu/dib97/libya-report-10-30-11.pdf> 2011

AWARDS

AWS (Amazon Web Services) Cloud Credits for Research (\$2,700) 2016

University of Texas at Austin Recruitment Fellowship (\$15,000) 2010

University of Dallas Full tuition scholarship 2005 – 2009

University of Colorado at Boulder Linguistic Institute fellowship 2011

WEB

Homepage: <http://henrian.com>
GitHub: <https://github.com/chbrown>
Twitter: <https://twitter.com/chbrown>