Julia Mendelsohn

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Education

2019 – Present	**PhD, Information**, *University of Michigan* Advisors: Ceren Budak, David Jurgens
2015 – 2019	**MS, Computer Science**, *Stanford University* Specialization: Information Management and Analytics *GPA: 3.99/4.00*
2014 – 2018	**BA, Linguistics with Honors**, *Stanford University* Minor in German Studies *Thesis: Computational linguistic analysis of dehumanization of LGBTQ groups in the media* *GPA: 4.09/4.00*
2010 – 2014	**Stuyvesant High School**, *New York*

Relevant Experience

09/19 – Present	**School of Information**, *University of Michigan* *PIs: Ceren Budak and David Jurgens* Currently working as a Graduate Student Research Assistant in developing: ○ Computational techniques to analyze the framing of political issues on social media. ○ Causal inference studies to estimate effects of multilingual Twitter users on information diffusion.
06/17 – 12/18	**Natural Language Processing Group**, *Stanford University* *PI: Dan Jurafsky* Synthesized theories from natural language processing, linguistics, and social psychology to quantify and understand dehumanization of marginalized groups in print media and online.
06/18 – 09/18	**Phonetics Laboratory**, *Leibniz-Zentrum Allgemeine Sprachwissenschaft*, Berlin, Germany *PI: Stefanie Jannedy* Analyzed diphthongs produced by speakers of Kiezdeutsch (Hood German) and Berlin dialect in order to identify distinctive features of Kiezdeutsch and variation within Kiezdeutsch speakers.
06/16 – 03/17	**Human-Computer Interaction Group**, *Stanford University* *PI: Michael Bernstein* Helped create a conversational agent that draws on human conversational strategies to accomplish complex goals. Worked with numerous NLP tools and published tasks on Amazon Mechanical Turk.
06/15 – 09/15	**Hewlett Packard**, Palo Alto, CA Improved accessibility of HP's "Cog ex Machina" deep learning software platform by providing feedback and suggestions based on problems encountered while implementing neural network architectures in Cog.

Publications

2021	**Julia Mendelsohn**, David Jurgens, and Ceren Budak. *Modeling the framing of immigration on social media*. Proceedings of the 2021 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies.
2020	**Julia Mendelsohn**, Yulia Tsvetkov, and Dan Jurafsky. *A framework for the computational linguistic analysis of dehumanization*. Frontiers in Artificial Intelligence 3:55.

2019	Li Lucy and **Julia Mendelsohn**. *Using sentiment induction to understand variation in gendered online communities*. Proceedings for the second annual meeting of the Society for Computation in Linguistics (SCiL). ACL, 2019.
2018	Ethan Fast, Binbin Chen, **Julia Mendelsohn**, Jonathan Bassen, and Michael S Bernstein. *Iris: A conversational agent for complex tasks*. In Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems. ACM, 2018.

Conference Presentations

2020	"A framework for the computational linguistic analysis of dehumanization" [virtual oral presentation]. **Julia Mendelsohn**, Yulia Tsvetkov, and Dan Jurafsky. *International Conference on Computational Social Science*, Boston, MA. July 17-20.
2019	"The social meaning of diphthong fronting in Berlin German" [oral presentation]. Jannedy, S., M. Weirich, G. Schüppenhauer & **Julia Mendelsohn**. *Phonetik und Phonologie Tagung*, Düsseldorf, Germany. September 26-27.
2018	"Computational linguistic analysis of dehumanization of LGBTQ groups in the media" [poster]. *New Ways of Analyzing Variation 47*, New York, NY. October 18-21.
2017	"Cross-community variation in onset /l/ among California Latinx speakers" [oral presentation]. Podesva, R., F. Conover, A. Flores-Perez, C. Gratton, A. Kane, D. Leigh, **Julia Mendelsohn**, C. Rentie & A. Sprenger. *New Ways of Analyzing Variation 46*, Madison, WI. November 2-5.

Invited Talks

2021	"Uncovering dehumanization with computational linguistics". *University of Washington Center for Statistics and the Social Sciences Seminar*, Seattle, WA. January 20.
2020	"A computational analysis of immigration discourse on Twitter". *University of Michigan Sociolinguistics, Contact, and Discourse (SoConDi) Meeting*, Ann Arbor, MI. October 30.
2020	"A framework for the computational linguistic analysis of dehumanization". *University of Michigan Computational Social Science/Data Science Seminar*, Ann Arbor, MI. February 20.
2019	"Representations of African American English in Disney films". *African American Vernacular English (Stanford undergraduate course)*, Stanford, CA. February 9.
2018	"Understanding social change with NLP: a case study of LGBTQ representation in the *New York Times*". Leibniz-Zentrum Allgemeine Sprachwissenschaft, Berlin, Germany. August 29.

Teaching Experience

03/19 – 06/19	**African American Vernacular English**, *Stanford University* Teaching Assistant for Professor John Rickford's undergraduate sociolinguistics course
01/19 – 03/19	**From Languages to Information**, *Stanford University* Course Assistant for Professor Dan Jurafsky's undergraduate NLP course
09/14 – 06/18	**English as a Second Language**, *Stanford University* Volunteer tutor for Stanford custodial staff through Habla organization
09/14 – 06/17	**Mathematics and Writing**, *Stanford University* Volunteer tutor-mentor for middle school students through East Palo Alto Stanford Academy (EPASA)

03/2018	**From Languages to Information**, *Stanford University*
	Exam grader for Professor Dan Jurafsky's undergraduate NLP course

Awards, Honors, and Fellowships

2021	**Twitch Research Fellowship Finalist**
2020	**NSF Graduate Research Fellowship Program Honorable Mention**
2019	**Scholarship for Uriel Weinreich Program in Yiddish Language, Literature, and Culture**, YIVO Institute for Jewish Research, New York, NY
2018	**J.E. Wallace Sterling Award for Scholastic Achievement**, Awarded to top 25 seniors in Stanford's School of Humanities and Sciences
2018	**Delta Phi Alpha**, National German honor society
2018	**Krupp Foundation Stipend Recipient**, Supported Stanford-affiliated work in Germany
2017	**Phi Beta Kappa**, Inducted junior year
2017	**Sponsor's Award**, Natural Language Processing with Deep Learning poster fair
2015	**The President's Award for Academic Excellence**, Awarded to top 5% of Stanford freshmen

Professional Service

Reviewing	ACL (2021), NLP+CSS Workshop at EMNLP (2020)

Skills

Languages	English (native), German (high intermediate), Spanish (intermediate), Yiddish (low intermediate)
Computer	Python, R, SQL, Java, C/C++, LaTeX, Praat, Transcriber