

Luke Gessler

Ph.D. Student, Georgetown University
Last updated August 28, 2020

Contact

lukegessler@gmail.com
<https://lgessler.com>

Education

2018 –	Georgetown University – Washington, DC Ph.D. student in Computational Linguistics Advisor: Amir Zeldes GPA: 4.00/4.00
2012 – 2016	University of Virginia – Charlottesville, VA B.A. Computer Science, B.A. Linguistics, with distinction GPA: 3.83/4.00
2008 – 2012	Thomas Jefferson High School for Science and Technology – Alexandria, VA Advanced Studies Diploma

Publications

2020	Luke Gessler , Siyao Peng, Yang Liu, Yilun Zhu, Shabnam Behzad, and Amir Zeldes, “AMALGUM – A Free, Balanced, Multilayer English Web Corpus”. In: Proc. of LREC 12. European Language Resources Association: Marseille, France, 5267-5275.
2020	Graham Neubig, Shruti Rijhwani, Alexi Palmers, Jordan MacKenzie, Hilaria Cruz, Xinjian Li, Matthew Lee, Aditi Chaudhary, Luke Gessler , Steven Abney, Shirley Anugrah Hayati, Anastasopoulos, Antonios, Olga Zamaraeva, Emily Prud’hommeaux, Jennette Child, Sara Child, Knowles, Rebecca, Sarah Moeller, Jeffrey Micher, Yiyuan Li, Sydney Zink, Mengzhou Xia, Roshan S. Sharma, and Patrick Littell, “A Summary of the First Workshop on Language Technology for Language Documentation and Revitalization”. In: Proc. of the 1st Joint Workshop on Spoken Language Technologies for Under-resourced languages (SLTU) and Collaboration and Computing for Under-Resourced Languages (CCURL). European Language Resources association: Marseille, France, 342-351.
2020	Aryaman Arora, Luke Gessler , and Nathan Schneider, “Supervised Grapheme-to-Phoneme Conversion of Orthographic Schwas in Hindi and Punjabi”. In: Proc. of ACL 58. Association for Computational Linguistics: Online, 7791-7795.
2019	Luke Gessler , “Developing without developers: choosing labor-saving tools for language documentation apps”. In: Proc. ComputEL-3, 6-13.
2019	Luke Gessler , Yang Liu, and Amir Zeldes, “A Discourse Signal Annotation System for RST Trees”. In: Proc. of the Workshop on Discourse Relation Parsing and Treebanking 2019. Minneapolis, MN, 56-61.

- 2019 | Mitchell Abrams, **Luke Gessler**, and Matthew Marge, “B. Rex: A Dialogue Agent for Book Recommendations”. In: Proc. of SIGdial 20. Association for Computational Linguistics: Stockholm, Sweden.

Presentations

- 2019 | **Luke Gessler**, *Optimizing Developer Productivity in Endangered Language Documentation Apps*. Talk given at deRSE19.

Awards and Honors

- 2016 | **Phi Beta Kappa**
- 2013, 2014 | **Critical Language Scholarship**
Full funding to spend a summer in India studying Hindi.
- 2012 | **Maureen O'Donnell Oxford Classical Dictionary Award**
Awarded for winning five gold medals in the National Latin Exam.

Teaching

- Fall 2019 | TA, Computational Corpus Linguistics (LING 372) – Georgetown University

Department Activity

- 2018 – | **Founder and Organizer, Georgetown University Fieldwork Forum**
Created a working/reading group for students and faculty who do linguistic fieldwork.
- Nov. 2019 | **Instructor, Academic CV Latex Workshop**
Designed and ran a day-long workshop where attendees learned the basics of LaTeX and created their own CVs.
- Nov. 2018 | **Instructor, Python for Linguists**
Taught a day-long course with original materials (github.com/lgessler/python-for-linguists) introduction Python for linguistics graduate students, with no programming experience assumed.
- 2014 – 2016 | **Founder, Virginia Linguistic Club**
Founded and ran the University of Virginia's first linguistics club, organizing social events like screenings of linguistics-related documentaries and hosting guest speakers.

Service

- 2019 | **Co-publicity chair, Linguistic Annotation Workshop XIV 2020**
Managing LAW 2020's website and social media presence.

Professional Experience

2016 – 2018	Software Developer, Epic Systems Corporation – Madison, WI – Contributed to the United States’ most widely-used electronic medical record software, spanning over 40 projects.
2015	Software Development Intern, Epic Systems Corporation – Madison, WI – Developed an IVR system integrated into Epic’s software.

Programming Languages

Proficient	Clojure, Python, JavaScript, Java, C#, MUMPS
Familiar	Scheme, Common Lisp, OCaml, C, Go, bash

Languages

Native	English
Proficient	Hindi
Reading	Latin, Sahidic Coptic