

Education

- **University of Illinois Urbana-Champaign** Urbana, IL
Ph.D. in Computer Science 2020-present
 - Advisor: Eshwar Chandrasekharan
 - Research Interests: Social Computing, Natural Language Processing
 - Recipient of the *Saburo Muroga Endowed Fellowship*, 2020-2021
- **Vassar College** Poughkeepsie, NY
Bachelor of Arts in Computer Science, Minors in Mathematics and Italian; GPA: 3.9/4.0 2016-2020
 - Thesis: *Temporal Exploration of the Proceedings of Old Bailey*
 - Research Advisors: Jonathan Gordon and Jennifer Walter
 - Graduated with general and Computer Science departmental honors

Teaching Experience

- **Discrete Math (CS 173)** University of Illinois at Urbana-Champaign
Teaching Assistant, Instructors: Dr. Margaret Fleck, Dr. Carl Evans Spring 2021, Summer 2021
Guide weekly group discussions for seven groups of approx. 6 students; Evaluate weekly exams.
- **Introduction to Computer Science (CS 125)** University of Illinois at Urbana-Champaign
Teaching Assistant, Instructor: Dr. Geoffrey Challen Fall 2020
Co-led an optional weekly recap of course material for between 50 and 100 undergraduates.

Research Experience

- **Undergraduate Research Assistant** Poughkeepsie, NY
Department of Computer Science, Vassar College 2018-2020
 - Advisor: Jonathan Gordon; Project: *Computational Models of Literary Variation*
 - Assisted on projects related to natural language processing
 - Analyzed patterns in data collected about the use of language in a corpus of books
 - Area of Work: Natural Language Processing
- **Distributed Research Experiences for Undergraduates (DREU) Intern** Urbana, IL
Department of Computer Science, University of Illinois Urbana-Champaign Summer 2019
 - Advisor: Julia Hockenmaier; Project: *Collaborative Dialogue in Minecraft*
 - Worked with Professor Hockenmaier and a team of graduate and undergraduate students
 - Started building fully interactive agents to communicate using natural language in a 3D environment
 - Used concepts in NLP and deep learning to improve quality of utterances generated by two agents
 - Worked on neural network to recognize shapes in 3D with nearly 100% accuracy
- **Research Experiences for Undergraduates (REU) Intern** Los Angeles, CA
University of Southern California Institute for Creative Technologies Summer 2018
 - Advisor: Jonathan Gratch, Gale Lucas; Project: *Impact of AI on User Psychology*
 - Developed and optimized code to support a system to be used to carry out a future study
 - Worked to create realistic AI capable of negotiating online with users and other AIs

Professional Service

Sub-reviewer “AAAI-MAKE: Combining Machine Learning and Knowledge Engineering Practice,” AAAI Spring Symposium 2020, Stanford University

Languages

Italian (proficient); Spanish (reading)

Programming

Python, Java, \LaTeX , C/C++, R, Matlab, Dr Racket/Scheme