

REBECCA HICKE

PHD STUDENT, COMPUTER SCIENCE, CORNELL UNIVERSITY

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EDUCATION

Cornell University , Ph.D. student, Computer Science	Fall 2022 – present
Advisor: David Mimno	Ithaca, NY

Carleton College, B.A. *cum laude*, Computer Science and English
 Minor: Digital Arts and Humanities
 GPA: 3.86
 Advisors: Eric Alexander and George Shuffelton

RESEARCH EXPERIENCE

Computer Science Undergraduate Senior Thesis, Computer Science January 2022 – May 2022
Practicum 2.0: An Interactive Tool for Practicing Introductory CS Topics
Received the grade of Distinction

English Undergraduate Senior Thesis, Carleton College September 2021 – March 2022
“Let every word weigh heavy of her worth”: Examining How Women Enact Power in Shakespeare’s Comedies through Interactive Speech Pattern Visualizations
Received the grade of Distinction

Research Assistant, Carleton College
Advisor: Eric Alexander

Research Assistant, UC Berkeley June 2021 – April 2022
 REU – Summer Undergraduate Program in Engineering Research at Berkeley
 Advisors: Sarah Chasins and Aditya Parameswaran

Research Assistant, UT Austin
Advisor: Kristen Grauman

TEACHING

Program Assistant, Carleton College
History of Computing Off-Campus Studies Program

Undergraduate Teaching Assistant, Carleton College March 2020 – June 2022

- CS 111: Introduction to Computer Science, 1 term
- CS 201: Data Structures, 4 terms
- CS 202: Math of Computer Science, 2 terms

West Coast Swing Teacher, Carleton College January 2020 – March 2020

Competitive Ballroom and Latin Dance Team , Carleton College	June 2019 – June 2022
Treasurer, June 2019 – June 2020	
Captain, June 2020 – June 2022	
Residential and Program Assistant , UT Austin	June 2018 – July 2020
First Bytes Computer Science Camp, 2 sessions	
Code Longhorn Computer Science Camp, 1 session	
Robotics Camp, 2 sessions	
Cybersecurity Camp, 1 session	

SERVICE

New Visions in Engineering Mentor , Cornell University	2022-2023
Student-Applicant Support Program Mentor , Cornell University	Fall 2022

PUBLICATIONS

- Hicke, Rebecca, Maanya Goenka, and Eric Alexander. 2022. “Word Clouds in the Wild.” *2022 IEEE 7th workshop on Visualization for the Digital Humanities (Vis4DH)*. In press.
- Hicke, Rebecca. 2022. “‘Let every word weight heavy of her worth’: Examining How Women Enact Power in Shakespeare’s Comedies through Interactive Speech Pattern Visualizations.” In *Computational Drama Analysis: Reflecting Methods and Interpretations*. De Gruyter. Under revision.

AWARDS

Hopcroft Fellowship , Cornell University	2022-2023
Laurence McKinley Gould Prize in Natural Science , Carleton College	2022
David John Field Prize , Carleton College	2022
The David Pollatsek ’96 Prize in Computer Science , Carleton College	2022
Larson International Fellowship , Carleton College	2021
Dancing the Night Away: Learning Viennese Waltz and Experiencing Ball Season in Vienna	
Thorsen Scholarship , Carleton College	2020-2022

PRESENTATIONS

Word Clouds in the Wild , Vis4DH – IEEE Vis	October 2022
Examining How Women Enact Power in Shakespeare’s Comedies through Interactive Speech Pattern Visualizations , Workshop on Computational Drama Analysis	September 2022
Practicum 2.0: An Interactive Tool for Introductory CS Topics , Carleton College	May 2022

Computer Science Undergraduate Senior Thesis Talk	
“Let every word weight heavy of her worth”, Carleton College	May 2022
English Undergraduate Senior Thesis Talk	
Technical Talk – “Let every word weight heavy of her worth”, Carleton College	March 2022
English Undergraduate Senior Thesis Technical Talk	
Tools for Tracking Police Misconduct Data, Carleton College	October 2021
Summer Research Presentation	
Technical Talk – Tools for Tracking Police Misconduct Data, UC Berkeley	August 2021
SUPERB REU Technical Talk	
Virtual Poster Session – Word Clouds in the Wild, Carleton College	October 2020
Word Clouds in the Wild, Carleton College	August 2020
Summer Research Presentation	