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 — June 2022
 Minor: Digital Arts and Humanities — Northfield, MN
 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 — June 2020 – June 2022
 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 — July 2016 – July 2018
 Advisor: Kristen Grauman

TEACHING

Program Assistant, Carleton College — June 2022 – August 2022
 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 and David Mimno. 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. In press.

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,   September 2022
        Workshop on Computational Drama Analysis

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