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

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,   September 2022
    Workshop on Computational Drama Analysis

Computer Science Undergraduate Senior Thesis Talk, Carleton College   May 2022

English Undergraduate Senior Thesis Talk, Carleton College   May 2022

English Undergraduate Senior Thesis – Technical Talk, Carleton College   March 2022

Summer Research Presentation, Carleton College   October 2021

SUPERB REU Technical Talk, UC Berkeley   August 2021

Virtual Poster Session, Carleton College   October 2020

Summer Research Presentation, Carleton College   August 2020

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   2022-2023