

# Stella Ullman

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GitHub: [github.com/stella-u](https://github.com/stella-u)

## EDUCATION

**Centre College**, Danville, Kentucky

Bachelor of Science | Major: Data Science | Minor: Computer Science

Expected Graduation Date: May 2024

Relevant Courses: CSC 362 Database Systems, CSC 280 Systems Programming, MAT 240 Linear Algebra, MAT 310 Probability Theory, CSC 270 Data Structures, DSC 305 Data Science and Analytics.

## SKILLS

### Programming:

C, HTML, Java, Javascript, MATLAB, Octave, PHP, Python (NumPy, Pandas, PyTorch, SciKit-Learn, Tensorflow), R, SQL

## HONORS/AWARDS

Colonel Scholarship Recipient

*Awarded May 2020*

CLARK Scholars Scholarship Recipient

*Awarded May 2020*

## RESEARCH

**Undergraduate Research Assistant**, Centre College, Danville, KY

*May 2022 - July 2022*

- Participated as 1 of a team of 3 researchers in Dr. Thomas Allen's **AI for Disabilities Inclusion** project designing a hands-free accessibility tool for disabled programmers.
- Implemented an interactive menu of commands, utilized voice dictation technology, and worked collaboratively with team members.
- Conceived and created a front-end extension to Jupyter Notebook using Javascript and HTML.

**Data Science Capstone**, Centre College, Danville, KY

*August 2023 - December 2023*

- Generated a senior capstone project inspired by past work in accessible technology in which a webpage is analyzed for accessible design.
- Utilized Meta's Detectron2 platform and Python's PyTorch library to train a Convolutional Neural Network to detect web elements from a screenshot

## WORK EXPERIENCE

**Interlibrary Loan (ILL) Assistant**, Grace Doherty Library, Danville, KY

*August 2021 - Present*

- Process loaned library materials, prepare requested books and articles for patrons, and navigate shipping and paperwork logistics.

**Circulation Assistant**, Grace Doherty Library, Danville, KY

*August 2020 - May 2022*

- Monitored library activity, assisted patrons promptly, and cataloged library materials .

## STUDY ABROAD

**Centre-in-London**

*February 2023- April 2023*

- Resided in Central London for 3 months and cultivated skills in navigation, communication, and independent living in one of the largest cities in the world.
- Explored and adopted English culture through math, science, and theater courses.