Kevin Bryson

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EDUCATION

University of Chicago, Chicago, Illinois, USA

- Ph.D. Student in Computer Science — 2021 – Present
  - Advisor: Blase Ur
  - Focus: Fair and equitable ML, Interpretable interfaces for data science

Morehouse College, Atlanta, Georgia, USA

- B.S. in Computer Science, minor in Mathematics — 2017 – 2021
  - Graduated Summa Cum Laude
  - Cumulative GPA: 3.86 / 4.00

PUBLICATIONS

1. Jamar L. Sullivan Jr., Will Brackenbury, Andrew McNutt, Kevin Bryson, Kwam Byll, Yuxin Chen, Michael L. Littman, Chenhao Tan, Blase Ur, "Explaining Why: How Instructions and User Interfaces Impact Annotator Rationales". *NAACL 2022*.
   DOI:10.18653/v1/2022.naacl-main.38

AWARDS & SCHOLARSHIPS

- Grants for Black Computer Science Students, Symposium on Usable Privacy and Security — 2022
- Crerar Fellowship, University of Chicago — 2021 – 2022
- Stamps Scholarship, Morehouse College — 2017 – 2021
  Full Scholarship including travel and research grant

TEACHING MENTORING & SERVICE

Data Science and Critical Mathematics: Data Storytelling and Justice, Morehouse College

- Instructor and Curriculum Developer — 2022
  - Taught and developed curriculum to introduce high school students to methods of applying justice, fairness and a humanistic lens to data science and technical systems

University of Chicago

- Undergrad TA — 2021 – Present
  - Engineering for Ethics, Privacy, and Fairness in Computer Systems
  - Surveillance Aesthetics: Provocations About Privacy and Security in the Digital Age
- TA and Curriculum Developer for underrepresented high school students — 2021 – Present
  - Artificial Intelligence: The Good, The Bad, The Biased, and the Privacy Invasive
- Student Support Application Program Volunteer — 2022
  - EDI program for providing feedback to students from underrepresented or marginalized backgrounds on their admissions application.

Career Curriculum: UX and UI Design, Black Venture Capital Consortium

- Instructor and Curriculum Developer for HBCU students — 2020 – 2021
  - Developed and planned curriculum, taught weekly courses, assisted and mentored students making Figma designs with a startup team for a pitch competition

Codehouse, Morehouse College

- Mentorship Chair — 2019 – 2021
  - Introduced a long–term mentorship program with younger students for personal and professional development

OTHER WORK EXPERIENCE

Physical Sciences Division - UChicago, Chicago, Illinois, USA

- Journalist Intern — 2022 – 2023
  - Interviewed and wrote about researchers and their work in UChicago's PSD

Lyte, San Francisco, California, USA

- Data Scientist Intern — 2021
  - Developed a machine learning pipeline for customer segmentation

Georgia Tech Research Institute (GTRI), Atlanta, Georgia, USA

- Research Intern — 2021
  - Trained machine learning models for rocket motor analysis (anomaly detection, shock detection and sensor reconstruction)

ASSORTED WORK	Masking Discourse - Surveillance Aesthetics: Provocations About Privacy and Security , UChicago and Museum of Science and Industry

- In collaboration with students from the School of the Art Institute of Chicago, we created a physical mask that demonstrates the ease with which NLP technology could control your speech.   2021

INTERESTS   Film photography, biking and baking.

SKILLS   Python, TypeScript, PyTorch, Keras/TensorFlow, Figma, Adobe Lightroom.

LANGUAGES

- English: Native language.
- Spanish: Intermediate (speaking, reading, writing).
- Japanese: basic (reading, speaking, writing).

REFERENCES   *Available on request.*