Hannah Kirby

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EDUCATION

University of Minnesota Twin Cities, College of Liberal Arts   Minneapolis, MN

Bachelor of Science, Statistics & Computer Science, Minor in Mathematics   *May 2022*

Relevant Coursework: *Statistical Programming, Statistical Learning, Artificial Intelligence, Communication for Statisticians, Practice of Database Systems, Analysis of Categorical Data*

Normandale Community College   Bloomington, MN

Associate of Arts   *Sep 2018–May 2019*

Dean's List Fall 2018, Spring 2019, 4.0 Cumulative GPA

PROFESSIONAL EXPERIENCE

Teaching Assistant, Computer Science & Engineering Department, UMN   *August 2020 – May 2022*

Computer Science classes, taught in Python, Java, C++

Conduct labs with a 10:1 student/TA ratio to engage with students and improve course understanding

Answer questions on class mechanics, homework, and course material

Hold weekly office hours for students

Grade homework, quizzes, and exams

Peer Learning Tutor, SMART Learning Commons UMN   *August 2020 – July 2021*

Work one-on-one with students in various subjects; mainly, math, computer science, statistics and writing.

Help students develop learning and studying skills through individualized teaching method

Research Assistant/Intern, Dean's First Year Research and Creative Scholars Program   *January– May 2020*

Assist Elizabeth Wrigley-Field in her work at the Minnesota Population Center at the University of MN

Work with character recognition software (ABBYY FineReader 14) and Excel digitizing 1900-50s death records

Attend team meetings and keep track of hours and work completed

SKILLS

Languages: R, Python (Main libraries: NumPy, Pandas, TensorFlow, SciKit-Learn, Matplotlib), SQL, STATA, MATLAB, Tableau, C/C++, Java, OCaml, LaTeX

Microsoft Office, including statistical applications of Excel