

Kyle Suelflow

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EDUCATION

Bachelor of Arts in Data Science

Expected May 2026

Macalester College, St. Paul, MN

GPA: 3.91

Relevant Coursework: Introduction to Computer Science (Python), Introduction to Data Science (R), Computational Linear Algebra, Probability, Introduction to Statistical Modeling (R), Intermediate Data Science (R), Correlated Data, Bayesian Statistics, Object Oriented Programming (Java), Data Structures (Java), Statistical Machine Learning (R)

Planned Coursework 2024-2025: Geospatial Analysis, Data Science Capstone Course, Survival Analysis, Capital Markets

SKILLS

Programming languages: R, Python (Pytorch, Pandas, NumPy), SQL, Java, HTML, CSS, Swift, GIS, Slurm, Microsoft Office

Statistical methods: Time series modeling, longitudinal modeling, spatial modeling, bayesian modeling, (un)supervised machine learning, various regression techniques

RELEVANT EXPERIENCE

Teacher Assistant (*Intermediate Data Science, General R Preceptor*), Macalester

September 2023-Present

- Empowered students to ask questions during office hours, ensuring that they felt comfortable and supported
- Attended class every day, helping lead lectures and working directly with students on activities during class
- Lead Seminars on topics in R, such as animation, parallel programming, and Python-R development
- Demonstrated exceptional communication skills when working the professor to address issues in the classroom

Summer Research Assistant, Macalester College

May 2024-August 2024

- Co-wrote a paper on age heaping in surveys used to model child mortality in sub-Saharan Africa
- Ran a simulation study to investigate effects of age heaping on common modeling techniques
- Worked closely with my professor, developing strong collaboration and communication skills.
- Refactored our code to run in parallel, using Slurm on a computing cluster to execute the simulation

Coding Club Instructor, Saint Paul Public Schools

September 2023-February 2024

- Taught Scratch to an after school coding class to 25 third grade students
- Successfully adapted my teach style from college to elementary level to ensure the success of my students
- Developed a curriculum that was flexible enough to challenge all students, regardless of mastery level
- Fostered an environment where students felt safe and comfortable

Summer Research Assistant, Macalester College

May 2023-August 2023

- Aided in testing and Development of *Blocks4All*, an accessible block based programming app
- Rebuilt the *Blocks4All* website to provide more features to potential users, with a focus on accessibility
- Learned HTML, CSS, and Swift independently, requiring problem solving skills and persistence
- Collaborated with 5 co-researchers, learning how to thrive working in a group

LEADERSHIP

President, Macalester College Open Ultimate Frisbee

January 2024-Present

- Lead over 25 student athletes both on and off the field, building a successful frisbee program
- Developed necessary communication skills to lead practices, huddles, and outside team events
- Cultivated strong relationships with alumni to engage them in the team through events and fundraising
- Delegated tasks to other captains, empowering them to make important contributions
- Co-organized a high school tournament for the past 3 years, building community and important connections