Samuel D. Pekofsky

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EDUCATION

University of Wisconsin-Madison — Madison, WI
Bachelor of Science in Data Science, Minor in Computer Science — *September 2021 – May 2025*

EXPERIENCE

Open Source Program Office Intern, clubSandwich — February 2025 – Present
University of Wisconsin-Madison — *Madison, WI*
- Contributed to the R Package clubSandwich
- Implemented new features, wrote robust tests, and updated documentation

Senior Camp Counselor — July – August 2023, June – August 2024
YMCA of Greater New York — *New York, NY*
- Worked with youth ages 4-12 to create a memorable traditional day camp experience
- Led activities, created lesson plans, and guided campers through frequent outdoor trips

STEM Camp Instructor — July – August 2022
Launch Math + Science Centers — *New York, NY*
- Created a welcoming and engaging experience teaching STEM topics to 4-6 year-olds
- Guided campers through interactive lessons and hands-on projects

Intramural Soccer Official — March – April 2022
University of Wisconsin-Madison — *Madison, WI*
- Set up fields, explained rules, and ran games fairly

Office Staff — January 2019 – April 2021
TaxpayerServices NYC, Inc. — *New York, NY*
- Organized client documents, answered calls, and responded to emails
- Set up and maintained technology

Information Clerk — September 2020
NYC Board of Elections — *New York, NY*
- Assisted voters during the 2020 general election

PROJECTS

Deep Learning for Classifying Images | *Python, PyTorch, Git, GitHub* — March – May 2025
- Created a hybrid CNN-transformer model for image recognition
- Trained 12 variations of 2 image recognition models, compared results
- Coauthored a research paper style report of our findings from comparing the different models

Exploration of Student Habit Data | *R, Markdown* — April 2025
- Performed PCA on student habit data
- Used creative visualizations of PCA results to observe trends

Additional projects can be viewed at pekofsky.github.io/projects

TECHNICAL SKILLS

Languages: Python, Java, SQL, R, HTML, Julia, Mongo
Developer Tools: Git, GitHub, VSCode, RStudio, Google Colab, Eclipse
Libraries: pandas, PyTorch, ggplot2, dplyr, devtools
Frameworks: testthat, JUnit, jekyll, Jupyter Notebooks, R Markdown