

Yavuz Shahzad

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in yavuz-shahzad 📺 yshahzad

Skills

Programming Languages: Python, R, \LaTeX .
Libraries and Frameworks: Pandas, Scikit-learn, Flask, Seaborn, The Tidyverse, R Markdown.
Data Visualization: Jupyter Notebook, Streamlit.
Developer Tools: Git and GitHub, Microsoft Office Suite.
Non-technical: Outstanding communication skills; strong collaborative skills and attention to detail.

Education

McGill University **Montreal, QC**
BA in Statistics, Minor in Psychology 2022 - 2026

- GPA: 3.62/4.0
- **Coursework:** Experimental Design, Statistical Learning, Honours Probability, Honours Analysis II, Honours Algebra II, Statistics.

Experience

Data Science Intern **Toronto, ON**
Manulife May 2025 – Aug 2025

- Forthcoming.

Undergraduate Researcher **Montreal, QC**
Brain Research and Imaging of Neurorehabilitation Lab: McGill University Jan 2022 – Sept 2024

- Cleaned and analyzed data, conducted literature review, and drafted a soon-to-be-published manuscript about a novel treatment paradigm for those with chronic stroke.
- Received an award of \$8,800 to investigate the neural correlates of long-COVID. Analyzed β -burst characteristics in long-COVID patients using Python (Pandas, Scikit-learn).
- Served as a consultant to colleagues, refining analysis methodologies to ensure statistical rigor.

Research Intern **Boston, MA**
J. Philip Kistler Stroke Research Center: Harvard Medical School Jun 2022 – Aug 2022

- Performed data abstraction from the medical records of over 200 patients. Study assessed the efficacy of left atrial appendage closure in preventing brain hemorrhages in atrial fibrillation patients.

Publications

- Milot, M.-H., Palimeris, S., **Shahzad, Y.**, Corriveau, H., Tremblay, F., Boudrias, M.-H.
Long-term benefits of a tailored strength training intervention on arm function in chronic stroke survivors: a follow-up study. **Journal of Rehabilitation Medicine – Clinical Communications**, Vol. 8, February 2025.
<https://doi.org/10.2340/jrm-cc.v8.42941>

Awards and Honours

NSERC Undergraduate Student Research Award (\$8,800) Apr 2024

- Granted by the Natural Sciences and Engineering Research Council of Canada (NSERC), the USRA was awarded for research under the supervision of Dr. Marie-Hélène Boudrias of McGill's BRAIN Lab.

Dean's Honour List Apr 2022

Community Involvement

Managing Editor: McGill Science Undergraduate Research Journal

2022 - Present

- Responsible for a team of four, lead MSURJ's outreach operations and ensure the longevity and reputation of the journal are maintained.
- Facilitate the peer review of manuscripts and ensure submissions are of publication quality.

Council Member: SUMS McGill

2023 - Present

- Participate in and vote during the meetings of McGill University's Society of Undergraduate Mathematics and Statistics Students (SUMS).

Work Eligibility

Citizenships: USA, Canada, Turkey.