

# Yavuz Shahzad

📍 Montreal, QC   ✉ yavuz.shahzad@mail.mcgill.ca   ☎ +1-438-874-3985   🌐 yavuzshahzad.com  
in yavuz-shahzad   📺 yshahzad

## Skills

---

**Programming Languages:** Python, R, SQL,  $\text{\LaTeX}$ .

**Libraries and Frameworks:** Pandas, PySpark, Scikit-learn, Seaborn, Streamlit, Tidyverse.

**Developer Tools and Platforms:** GitHub, Databricks, Azure, Jupyter Notebook, Excel (intermediate).

**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: 3.66/4.0
- **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

- Ongoing.

### 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 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  $\beta$ -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.