

Jennifer Shao.

she/her

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 Portfolio jennshao.github.io
 Phone (289) 383 3458

Work Experience

Data Visualization Designer

DEP. MEDIEVAL STUDIES • UNIV. TORONTO

NOV 2021–PRESENT

- Cleaned and analyzed multivariate quantitative and qualitative data in Tableau, Excel, Palladio
- Co-designed colour and black-and-white data visualizations for a forthcoming book in medieval studies
- Maintained log of meeting minutes, work progress, and tech. experiments for clear communication
- Mentored two students for their fourth year research projects

Freelance Biomedical Communicator

JAN 2019–PRESENT

BASED IN TORONTO

I work with academics, companies, and not-for-profit organizations:

- Created medical graphics for IC Axon, coordinating with in-house medical illustrators
- Developed editorial illustrations for RehabINK articles
- Co-designed and co-created front and back cover for Essential Med Notes 2021

Production Editor

ESSENTIAL MED. NOTES • UNIV. TORONTO

FEB 2020–PRESENT

- Co-lead the production pipeline for figure illustrations
- Negotiated timelines, contracts, and deadlines
- Managed and streamlined illustrators to meet deadlines and assure quality of work
- Resolved conflicts in production workflow

Web Technology Development Associate

DEPARTMENT OF BIOLOGY • UNIV. OF TORONTO

JULY 2020–DEC 2021

- Updated and maintained web accessibility standards on the official BMC website
- Developed strategies to optimize SEO
- Designed promotional material on social media for BMC events; adapted welcome package for incoming students

Education

MSc. Biomedical Communication

UNIV. TORONTO • 2019–AUG 2022

BSc. Honors Neuroscience

WESTERN UNIV. • 2015–2019

Skills

Design + Illustration

- Adobe CC: Illustrator, Photoshop, InDesign, After Effects
- Figma prototyping
- Built and maintained responsive static sites with HTML, CSS, JS
- Built 3D models with ZBrush, C4D, Blender, Chimera
- Made data visualizations in Tableau, Palladio, Excel

Collaboration

- Coordinated speakers and co-designed brand and promotional material for BMC Speaker Series 2021
- Redesigned fair and transparent contract with RehabINK

Research

- Conducted peer reviews of scientific articles, evaluating study design, statistics, and research conclusions
- Literature, systematic reviews
- Proposal writing
- 3MT presentations

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Teaching Experience

Teaching Assistant • Science Illustration

UNIV. OF TORONTO · HSC200: IMAGING TECHNOLOGIES FOR SCIENCE COMMUNICATION SEPT-DEC 2021

- Taught Affinity Designer and best practises in designing visuals for science communication
- Designed instructional guides for students to review basic tools and techniques in Affinity Designer

Teaching Assistant • Information Design

UNIV. OF TORONTO · HSC301: INFORMATION DESIGN JAN-APRIL 2021

- Facilitated in-class critiques to encourage the delivery of effective presentations, effective feedback and collaboration
- Developed tutorial videos on data visualization and illustration programs including Tableau, Illustrator, Affinity Designer
- Devised action plan for improvements to course design

Research Experience

Research Assistant • Neuro-Electrophysiology

UNIV. OF TORONTO · INOUE LAB FEB 2018 -APRIL 2019

I conducted neuro-electrophysiology experiments to study sex differences in stress adaptation

- Developed and adhered to chronic experimental plans to produce publication-worthy data
- Critiqued, presented articles in lab meetings to disseminate recent research in the area of stress adaptation

Research Assistant • Psychology

UNIV. OF RYERSON · STAR LAB JAN 2020-APRIL 2021

- Communicated between study participants and researchers by administering surveys and treatments to advance data collection
- Contributed to Master's Student's systematic review

Selected Awards

Immunology Research Grant

UNIV. OF TORONTO. · 2019

Awarded stipend for conducting biomedical visualization research in immunology

Dean's Research Opportunities Grant

WESTERN UNIV. · 2018

Awarded stipend in Dean's Undergraduate Research Opportunities Program for neuro-electrophysiology research

Continuing Scholarship for Academic Excellence

WESTERN UNIV. · 2015-2019

Awarded scholarship for academic excellence. GPA 3.96

Hobbies & Interests

I'm always learning and trying new projects!

- Rollerskating
- Slab pottery
- Film photography