

Jennifer Bertrand

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EDUCATION

PhD in Neuroscience & Movement

Thesis: Digital User Interactions and Eye-Cursor Coordination (HCI)

Expected Grad. Jul 2023

Cum. GPA: 4.0

MSc (Thesis) 2017
BSc in Kinesiology 2015

All from the University of Alberta.

SKILLS

Research Consultation
Data Visualization
Project Management
Research Communication
Technical Writing
Experimental Design
Online Study Creation
Remote Testing & Crowd-sourcing
Quantitative Research Methods
Complex Data Processing
Advanced Statistics & Analyses
New Product Development
Copy & UX Writing

Programming:

MATLAB (advanced, 750+ hours)

R, Markdown, LaTeX, SQL (basic)

Tools:

MATLAB, Jamovi, JASP, Tableau, G-Suite, Figma, Miro, Asana, Hubspot, Overleaf, Prolific, Amazon M-Turk, Labvanced

LEADERSHIP

Women in Sci@UofA - Mentor
Grad Assoc. Elections Com. - Chair
Kids Brain Safety - Past President
Zero-Waste Festival - Co-Organizer

EXECUTIVE SUMMARY

- Design-minded and analytical human (user) behaviour PhD with extensive experience solving complex research problems in academia (8+ yrs) and more recently, in industry (1 yr).
- Proven track record as a quick learner (4.0 GPA), driven researcher, and strong scientific communicator, personally awarded \$80K+ in research funding. Demonstrated excellent industry potential, winning \$45K grant to engage in international PhD research internship.
- Appreciated for my soft skills - I thrive in leading and engaging in collaboration, I am a thoughtful and clear communicator, and I am a positive, trusted, and self-aware team player.

RELEVANT EXPERIENCE

Graduate Student Researcher - PhD, MSc 2015 – present
University of Alberta Edmonton, Canada

- Leading all aspects (experimental design, execution, data analysis, communication of results) of 10+ quantitative lab and remote studies on human-computer interactions (500+ participants).
- Visualizing, presenting and authoring high-quality research communications (4 publications [+ 5 under review/in prep] and 10+ international presentations) for diverse audiences.
- Collaborating effectively in a variety of cross-functional team contexts, including leadership and mentoring capacities.

PhD Intern, UX Research & Development 09/2021 – 10/2022
Scicoverly GmbH - Labvanced & PageGazer Remote-Germany

- Defined research goals and strategies, articulated hypotheses and applied the best research methods for impactful B2C SaaS product insights.
- Resolved product ambiguity by effectively translating data and insights into strategy and design direction.
- Presented complex concepts clearly and persuasively across different audiences and varying levels of the organization (C-suite, development team, design team).

+ About Me: Avid traveller, average soccer player, wannabe interior designer & all-seasons pizza oven user.