

Mona Zhu

An award-winning research scientist with 10+ years of experience in data analytics and mixed-methods research, I am passionate about storytelling with data and have a proven track record of delivering evidence-based recommendations that drive strategic decisions

RELEVANT PROJECTS & EXPERIENCE

Data Science Consultant — *Faber Connect*

APR 2024 - JUNE 2024

- ★ Developed an end-to-end data pipeline that predicts metrics of worker job success as part of a 8-week capstone project
- ★ Highlighted key insights, ethical considerations, and concrete next steps to technical and non-technical stakeholders that led to data-driven decisions

Behavioural Science Consultant — *BEworks*

DEC 2020 - JUNE 2023

- ★ Led and supported 15+ projects to provide evidence-based recommendations on client challenges, delivering \$400k+ in consulting services
- ★ Conducted qualitative and quantitative analysis, producing insights from 10+ surveys and field experiments
- ★ Translated research and analysis into strategic recommendations; communicated findings to diverse stakeholders across 30+ presentations, workshops, and reports

Research Intern — *BEworks*

NOV 2019 - MAR 2020

- ★ Implemented scientific methods and conducted extensive literature review to identify predictors of job success across diverse roles
- ★ Developed and validated behavioural tasks and psychometric scales to inform evidence-based hiring decisions, aiding in strategic hiring

Research Scientist — *CaNB Lab, University of Waterloo*

SEPT 2014 - SEPT 2020

- ★ Tailored the use of quantitative methodology (e.g., experiments, scale development, archival data, etc.) to address novel research questions across 10+ studies in both naturalistic and controlled lab settings
- ★ Translated research insights into 5 empirical peer-reviewed papers and 10+ scientific conference presentations
- ★ Delivered tutorials and workshops to diverse audiences on programming and statistical methods (e.g., descriptive and inferential statistics, data analysis and cleaning using R, Bayesian statistics, etc)

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EDUCATION

Master of Data Science

University of British Columbia
2023-2024

PhD, Cognitive Psychology

University of Waterloo
2016-2020

Received \$162,000 in
scholarships and awards

MA, Cognitive Psychology

University of Waterloo
2014-2016

Received \$52,500 in
scholarships and awards

BSc, Biopsychology

University of British Columbia
2010-2014

SKILLS

Hypothesis testing – *Expert*

Inferential Statistics – *Skilled*

Psychometrics & Survey
Development – *Skilled*

Data Visualization – *Skilled*

TOOLS

Qualtrics

R | Python | SQL