

# Christina Fan

Psychology, Life  
Sciences Undergraduate  
Student

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## Education

### University of Waterloo

Bachelor of Science, Psychology, Honours, Minor in Neuroscience

Sept. 2023 - April 2027

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## Skills

- Python and R
  - Transcranial magnetic current stimulation (tDCS), Transcranial magnetic stimulation (TMS)
  - Microsoft Office (Excel, Word, PowerPoint), Zotero, Qualtrics, PsychoPy
  - Organization and Collaboration
  - Fluent in English and Mandarin
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## Research Experience

### University of Waterloo, Department of Optometry, Human Visual Neuroscience Lab / Research Assistant

Sept. 2025 - Present, Waterloo

PI: Dr. Ben Thompson

- Run independent weekly sessions of a Rapid Serial Visual Presentation (RSVP) study administering transcranial direct current stimulation (tDCS) to patients with visual impairments to explore effects on reading accuracy
- Perform tDCS and psychophysical data collection and analysis

### University of Waterloo, Department of Kinesiology and Health Sciences, Multisensory Brain and Cognition Lab / Research Assistant

Sept. 2025 - Present, Waterloo

PI: Dr. Michael Barnett-Cowan

- Assist with Transcranial Magnetic Stimulation (TMS) administration on older adults for a study exploring changes in audiovisual integration during aging
- Participant recruitment, data coding, and statistical analyses

**University of Waterloo, Department of Psychology, Psychological Intervention Research Team / Research Assistant**

May 2025- Present, Remote

PI: Dr. Jonathan Oakman

- Coded 400+ clinical therapy session segmentations
- Attend weekly meetings to discuss therapeutic ratings
- Apply pre-established rating anchors to sessions

**University of California, Berkeley, Department of Psychology, Berkeley Early Learning Lab / Research Assistant**

May 2025- July 2025, Remote

PI: Dr. Fei Xu

- Study material preparation, participant recruitment, and testing
- Coded 100+ baby eye-gaze data videos using LookIt and Datavyu software
- Participate and present at weekly lab meetings and journal clubs

**University of Waterloo, Department of Psychology, Cognition and Natural Behavior Laboratory / Research Assistant**

Oct. 2024- Dec. 2025, Waterloo

PI: Dr. Evan Risko

- Scheduled and ran 40+ study sessions independently using SONA
- Performed data collection and coding for five large datasets
- Attended weekly literature review and technical lab meetings

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**Posters  
and Presentations**

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**Fan, C.,** Huynh, E., Qin, E., Zaman, F., Siddique, A.B. “Effects of Increasing Taxol Production for Cancer Treatment”. Fusion Conference 2025, University of Waterloo, Nov. 2025 (Waterloo, ON, Canada)

**Fan, C.,** Gravestock, J., Cisorio, D. “Impact of Word Tangibility on the Effectiveness of Different Mnemonics”. Social Science Advanced Research Methods Seminar Presentation, University of Waterloo, Dec. 2025 (Waterloo, ON, Canada)

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**Work Experience**

**Coco Fresh Tea & Juice Canada / Barista**

Oct.2020-Aug. 2023, Toronto

- Processed in-person and online orders
- Made drinks, prepared toppings in kitchen
- Performed cleaning tasks

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## Awards

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### **University of Waterloo/** Term Distinction

Jan. 2024, May 2024, Jan. 2025 & May. 2025

### **Service Ontario/** Ontario Volunteer Service Award

Nov. 2023

### **University of Waterloo/** President's Scholarship

Sept. 2023

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## Certifications

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### **MoCA Cognition/** Montreal Cognitive Assessment Administration

Dec. 2025

### **IBM/** Data Analysis with Python

Jun. 2025

### **CITI Program/** Health Canada Division 5 - Drugs for Clinical Trials Involving Human Subjects - Students

Jun. 2025

### **CITI Program/** Good Clinical Practice (GCP) - Canada - Students

Jun. 2025

### **Government of Canada/** Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (TCPS 2: CORE 2022)

Jul. 2024

### **University of Waterloo/** WHMIS 2015

Sept. 2023