Maggie Chen

✉ maggiemc.chen@mail.utoronto.ca 📞 604-518-8053 🔗 www.linkedin.com/in/maggie-mc-chen/

EDUCATION

University of Toronto, *Honours Bachelor of Science in Computer Science and Neuroscience*   **Expected 2024**
- GPA: 3.95/4.00, Computer Science GPA: 4.00/4.00
- Related Coursework: Software Design (Java), Introduction to Computer Science (Python), Probability with Computer Applications (R), Mathematical Expression and Reasoning for Computer Science, Introduction to the Theory of Computation

EXPERIENCE

Affective Science and Culture Lab, Yale University   **May 2019 - September 2021**
Research Assistant
- Along with the principal investigator, conduct basic fNIRS data analysis - such as motion artifact detection and correction - on mock patients using MATLAB applications Homer3 and AtlasViewer.
- Transcribe, code, and run inter-reliability tests for 25+ participants (in both Mandarin and English) using Nvivo to research impacts of culture and language on emotional granularity.
- Recruit, screen, and schedule meetings with face actors to generate and collect facial stimuli in preparation for a research study into how people react to emotional face stimuli.

Snyder Lab, University of British Columbia   **August 2019 - November 2020**
Research Assistant Volunteer
- Using ImageJ, map out neurogenesis within 50+ cross sections of amygdalae to research the correlation between neurogenesis and clinical depression.

Centre for Sustainable Health Systems, University of Toronto   **September 2021 - Present**
Work Study Research Officer Trainee
- Draft and research proposals for implementing a Health and Sustainability program at the University of Toronto, which will educate students about sustainability in health care systems, procedure, and infrastructure.

PROJECTS

Sous-chef (Java with Android GUI, maintained with Git Version Control and Jira)
- An android app that allows users to add and delete their perishable and non perishable food items to the app. The app notifies users which food has expired and gives recommendations of recipes based on the availability and expiry status of ingredients.
- Designed and implemented popups, alert dialogues, and other features of the food specification of the Android GUI; wrote Java classes, and their test cases, that followed clean architecture and SOLID principles.

LEADERSHIP

Organizer, *Fridays for Future Toronto*   **September 2021 - Present**
- Organize rallies and write our demands for events such as the Global Climate Strike (attended by thousands in Toronto, and more than 6 million around the world).
- Discussed, drafted, and revised the TransformTO Net Zero Report with city councillors and other sustainability leaders. On December 15, 2021, the report was adopted by the Toronto City Council.

Second-Year Representative   **September 2021 - April 2022**
Neuroscience Association for Undergraduate Students at University of Toronto
- Connect the hundreds of students in the University of Toronto Neuroscience community with neuroscience professionals in various settings through monthly panel and information events.

AWARDS AND SCHOLARSHIPS

The BC Excellence Scholarship from the Province of British Columbia   **2020**
- Awarded to the top 55 British Columbia high school graduates who demonstrate service, leadership, and aptitude and commitment to their chosen career paths. Valued at $5000.

The Clifton Graham Roberts Admission Award @ University of Toronto   **2020**
- Awarded to one newly admitted student who is involved in school and community services and has great scholastic achievement. Valued at $5000.