

# Sadie Lee

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## Education

**University of British Columbia** — Vancouver, BC, CA

Class of 2026

B.A. — Cognitive Systems; Minor — Data Science

Relevant Coursework:

Symbolic Logic; Statistics for Data Science; Informatics;  
Designing Cognitive Systems; Programming and Algorithms

## Experience

**BC Children's Hospital Research Institute** — Research Assistant

UBC Department of Medicine – Tang Laboratory

Sept. 2023 – Present

Digital Health Innovation Lab – Görges Laboratory

May 2023 – Aug. 2023

Building functions and algorithms in R to automate time in range data collection

Designing surveys in REDCap

Engaged with diabetes education centres to recruit participants for a randomized control trial

**UBC MINT** — Deep Learning Researcher

Mar. 2023 – Present

Multifaceted Innovations in Neurotechnology

Learning convolutional neural networks with PyTorch, Conda, and Docker to classify MRI brain tumor data

Investigating human-robot interaction for reinforcement learning based neurorobotics

**Emerging Media Lab** — Developer

May 2023 – Sept. 2023

Piloted frontend and backend development of an immersive audiovisual web app for forest bathing with React.js, Node.js, MongoDB, TypeScript, and Tailwind CSS

**180 Degrees Consulting** — Data Science Analyst

Jan. 2023 – May 2023

Data Science for Social Good Program

Designed and developed an analytics reporting platform to help a non-profit analyze impact with quantifiable metrics using Google Data Studio

Performed exploratory market research and competitor analysis; modeled impact with KPIs

## Featured Project

**Cognitive Systems 200 Research**

Proposed a model that establishes a physiological relationship between stress states and affective states, implemented with the inclusion of affect detection as an auxiliary task in a stress detection system.

More info at [leesadie.com](https://leesadie.com)

## Leadership Activities

**UBC Club Hong Kong** — External Relations Strategist

Sept. 2022 – May 2023

Generated and carried out ideas for events to support UBC's Hong Kong community as well as the sharing of culture between communities on campus.

## Skills & Tools

### Languages

Python • R • JavaScript • TypeScript • HTML • CSS • C#

### Tools + Technologies

React.js • Next.js • MongoDB • Node.js • PyTorch • Jupyter • Tailwind CSS • Unity  
Git • Conda • Docker • Google Data Studio • Figma • Illustrator • Davinci Resolve

### Research

REDCap • LaTeX Software