Jeffrey Liu

+*JEFFCREATES.SPACE*

Creative and technically proficient undergraduate focused in Computer Science and Psychology. Experienced in software engineering and cognitive neuroscience research, with interests in HCI, machine learning, and intelligent systems. Always excited to branch the gap between data-driven and humanistic solutions.

CONTACT

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EXPERIENCE

2025.03 - Present

Researcher

UBC Attentional Neuroscience Lab

- Working closely with professors and researchers to design and operationalize research questions
- Developing cognitive assays and data processing scripts using Python
- Investigating emerging fields of research in tech and psychology

2025.06 - 2025.08

Development Engineer

Dumarey Group

- Supported data processing pipeline of the powertrain development laboratory
- Created Python programs capable of reliably handling and manipulating billions of data points generated daily with the aid of machine learning
- Conferenced with engineers to incorporate desired features into new software solutions, continuously streamlining ease of use
- Provided in-depth documentation to allow for long-term support of the tools created

2024.07 - 2024.08

Engineering Intern

LG

- Co-developed a MATLAB battery model tracking 100+ variables
- Reviewed engineering and mathematical research papers and replicated them within MATLAB as needed
- Collaborated with engineers from GM and Stellantis to align simulations with real-world use cases

2023.12 - 2024.02

Software Engineering Intern

121 Health

- Developed mobile/web applications for health tracking using Swift and React Native
- Collaborated with team members to design intuitive data visualizations and interfaces for 80+ distinct health metrics
- Evaluated machine learning models, wrote performance reports to inform tuning and integration
- Operated autonomously in a fast-paced, startup environment

2023.06 - 2023.08

Content Development Intern
EonSTEM

EDUCATION

2022-2026

University Of British Columbia

Brain and Cognition (B.A.)

CODING

Java

Python

Javascript

MATLAB

Lisp

HTML/CSS

LANGUAGES

English

Mandarin

French

SKILLS

Data Handling

Intuitive Design

Proactive

Collaborative

Interdisciplinary

Git

React

Figma

Blender