HELLO WORLD

Jeffrey Liu
Cognitive Systems Student

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chickensfly.github.com

Education

Cognition and Brain B.A.

University of British Columbia
2022 - 2026 | 85% Average

Skills

Technical

Java
Python
HTML/CSS
Javascript
C
MATLAB
Github
Swift
Blender
Research Methods

Professional

Communication
Collaboration
Problem-solving
Adaptability
Attention to Detail
Flexible
Patient
Fast Learner
Creative

Computer Science and Psychology-focused with a particular emphasis on creative problem solving. Interested in exploring topics within the realm of human-computer interaction and intelligent systems. Strong teamwork capabilities bolstered by rugged communication skills. Extremely efficient learner with a healthy technical and academic background.

Battery Management Systems Intern

LG Energy Solutions — July - August 2024

- Working with OEMs such as General Motors and Stellantis on projects with tight deadlines
- Designing, testing, and revising a MATLAB simulation of battery cell behavior capable of tracking 100+ relevant variables
- Learned MATLAB and methods of modeling LFP battery technologies within a week
- **Comparing and analyzing results with lab team and adjusting simulation operations as needed**

Software Engineering Consultant

Outlier AI — May - July 2024

- Training AI models by determining output accuracy and providing technical feedback to adjust weights
- Created complex use cases for Python, Javascript, and SQL to test understanding of models
- Demanded high-quality work in minimal time

Junior Developer

121 Health — December 2023 - February 2024

- Aiding in Web Development and iOS Development
- Worked in an intense startup environment with generous individual agency on projects
- Designed app pages optimized for simplified, intuitive interactions while displaying 80+ health metrics
- Tested machine learning model for validity and reported results to team members with complete and technical explanations to provide focus points for further tuning

Web Development Intern

EonSTEM — June - August 2023

- Collaborated with designers to ensure optimal website functionality and aesthetics with a priority on user experience catered towards parents
- Used HTML and CSS to outline page concepts and Javascript to implement desired services on Wordpress
- Worked with industry experts to design curriculums for K-12 students on Python, Blender, and VEX Robotics

STEM Instructor

Michigan Youth Empowerment Foundation — August 2018 - March 2022