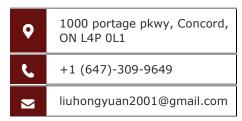
# **HONGYUAN LIU**



## **SUMMARY**

A passionate Fourth-year student at University of Toronto, double specialist in Computer Science & Data Science. Expertise in Flutter Mobile App Development, Web Development, Data Analysis. Actively contributing to 10+projects, business startups, over 1000+contribution on GitHub. Learning more about me at <a href="https://linear.com/linear

#### **EDUCATION**

# **Bachelor of Science - May 2025**

University of Toronto, Toronto, ON

- Double Specialist in Data Science and Computer Science
- President of UTTC
- Named as Dean's List Scholar for the 2021, 2022, 2023 academic year
- Cumulative GPA of 3.9

## **SKILLS**

- Mobile App Developing Flutter, Firebase, Figma, Kotlin/Swift, XML
- Web Developing HTML, CSS, ReactJS, NextJS, JavaScript
- Data Scientist R, Machine Learning, Data Visualizing, NLP.
- **Software Developing** Python, Java, C, Computer Vision, AI
- Data Engineer SQL, NoSQL, JSON, Database Design
- Leadership Project leader and coordinator, GitHub Project Backlog
- Business Business Startup, Business Model, User Experience

# **EXPERIENCE**

#### **CLOUD AND MOBILE APP DEVELOPER CO-OP**

Johnson Controls | Concord, ON | May 2023 - May 2024

- Home Security App development by Flutter with Firebase backend.
- Foreground/Background location services using Google Cloud API.
- Making API calls to home devices from cloud database.
- JSON Data Serialization, connecting with Firestore NoSQL database.
- Good Understand in IOS/Android building tools as Gradle, XCode.

# **UNIVERSITY OF TORONTO TUTORING CLUB (UTTC) - PRESIDENT**

Recognized Student Club | Toronto, ON | May 2022 - current

- Founder of the University of Toronto Tutoring Club.
- Organizing weekly activities, managing members & departments, and making plans about club development.
- Early Startup Business Planning, Business Model Testing, Customer Discovery.

# **CAMPUS EATS - MOBILE APP DEVELOPING & BUSINESS STARTUPS**

Project Lead | Toronto, ON | May 2023 - Current

- Designing an online ordering App for UofT Food Truck & restaurants.
- Construct IOS/Android App using Flutter with Firebase backend.
- Project Leader and Coordinator, assign weekly tasks and detailed instruction to team members through GitHub Project Backlog.
- Early Startup Business Planning, Partnership searching.
- Create demo videos for Campus Eats App series here.

## PERSONAL WEBSITE DEVELOPING - LIUSTEV6.CA

Self-Project | Toronto, ON | June 2023 - Current

- Initially build the website with pure HTML/CSS & Java webserver. Rebuild the website using React & NextJS, with Tailwind CSS.
- Include a detailed introduction to my skills and experience.
- Weekly update and adding project demo videos for most projects.

# DATA SCIENCE PROJECTS COLLECTION WEBSITE - LINK TO WEBSITE

Self-Project | Toronto, ON | June 2023 - Current

- Create a website to collect all data science projects by Rmarkdown.
- Predict NBA Player's NBA2K rating from their Regular Season Stat.
- Analyze Life Expectation vs. Alcohol Consumption.
- NLP in identifying Clash Royale player's feeling toward game update.
- Data Visualization for Bike Thefts in Toronto.
- Analyzing Great Lakes Water Pollution (with separated link)