HONGYUAN LIU

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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 liustev6.ca

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, AWS
- **Data Scientist** – R, Machine Learning, Data Visualizing, NLP.
- **Software Developing** – Python, Java, C, Computer Vis, AI, Django
- **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 built my website with NextJS, and Tailwind CSS. Rebuilt using React and Django Backend that is hosted on AWS EC2.
- Include a detailed introduction of my skills and experience.
- Weekly update, add demo videos & web interactions for my 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)