

Chuan Liu

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Education

University of Toronto

2020-09 ~ 2024-08

Major in Computer Science & Statistic (Honours Bachelor of Science)

Toronto

Achieved a grade of A or higher in Software Design; Computer Organization; Probability, Statistics and Data Analysis etc.

Work Experience

Apple Inc.

2023-06 ~ 2023-09

Backend Software Development Engineer Intern

Beijing

- Utilized Java for back-end development for management systems, focusing on module development, debugging, and maintenance, alongside enhancing data parallel processing and computing services.
- Demonstrated proactive engagement in meeting project timelines and ensuring stable development and delivery, contributing significantly to the team's ability to address and fulfill technical requirements efficiently.
- Facilitated in managing and processing millions of data points with Python, showcasing strong analytical skills and the ability to handle large-scale data operations effectively.

New Oriental Education & Technology Group Inc.

2021-05 ~ 2021-08

English Teaching and Research Intern

Beijing

- Collaborated in the development and refinement of educational content, played a key role in course design and reviewing processes, ensuring the material's relevance and effectiveness in meeting educational standards.
- Demonstrated exceptional efficiency by completing ahead deadline without compromising quality, directly contributing to the alleviation of workload for several teachers by handling up to 80% of their responsibilities.

Campus Experience

Asian Youth-cultural Association

2022-09 ~ Now

Vice President

Toronto

- Spearheaded the organization of numerous Asian youth culture events for more than 1000 people, including rock music festivals and stand-up comedy shows. Led in both planning and execution phases.
- Excelled in the strategic planning of activities well in advance, ensuring the efficient allocation of tasks among team members. Monitored project progress across all project tiers.
- Fostered strong relationships through effective communication and coordination with student organizations, venue managers, artists, and executives, ensuring the successful realization of each event.

Band

2018-03 ~ Now

Drummer

Toronto / Vancouver

- Founded the first Chinese rock band at school, pioneering the spread of Chinese music culture within the community.
- Orchestrated, engaged in, and performed at numerous music festivals, with audience sizes ranging from 50 to over 1,000 attendees, sharing stages with renowned bands like The Accusefive.

Project Experience

Air Ticket Booking System

- Designed an airline ticket booking system with Java, implementing clean architecture and design patterns for scalability. Also directed GUI development to improve user experience and streamline the booking process.

Website Development

- Developed a volunteer management website for a Canadian charity using React, enhancing the coordination process and boosting operational efficiency.

Product Design

- Conducted field studies for an on-campus parking system design, identifying key needs and challenges. Developed and prototyped with Figma to enhance stakeholder engagement and feedback.

Statistical Analysis of Smoking Hazards

- Analyzed global smoking hazards data using R and Shiny, producing visualizations that revealed key trends and enhanced understanding of its health impacts.