

Bella(Guang) Yang

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EDUCATION

University of Toronto, Toronto, ON

September 2021-2026

Major in Computer Engineering, Software Focused

Minor in Engineering Business and Artificial Intelligence

Relevant Coursework: Software Architecture, Object-Oriented Programming, Algorithms and Data Structures, Computer Networks, Databases, Machine Learning, Artificial Intelligence, Computer Security

TECHNICAL SKILLS

Languages and Frameworks: C/C++, Javascript(ReactJS), HTML/CSS, Python(FastAPI), MATLAB, SQL

Cloud&Data Management: AWS, Google Cloud, MongoDB, Firebase, Heroku, Microsoft Azure

Skills: Full-Stack Development, Natural Language Processing, Git/Github, AR/VR (Unity)

WORK EXPERIENCE

iManage (Closing Folders) Toronto, ON

May 2024-Present

Frontend Software Engineer (Co-op)

- Developed frontend features for a legal transaction platform using **JavaScript**, **TypeScript**, **HTML**, **CSS**, and **Tailwind** within Ember and React frameworks.
- Led the development of a **drag-and-drop document upload system** that automatically creates and attaches items within transaction agendas—transforming a previously manual process into an intuitive workflow, adopted widely by users and ranked among the **most impactful features** released this year.
- Collaborated closely with product designers to implement Figma-based designs, ensuring visual consistency and intuitive user experiences; proactively refined UI components to improve usability and accessibility across the platform.

IEEE UofT Student Branch, Toronto, ON

May 2023-Present

Branch Advisor, ex-Branch Chair, ex-Director of External Relations

- Managed four annual flagship 24-hour hackathons and networking events, leading a team of over 100 organizers and attracting more than 350 student participants, as well as 50+ industry participants and faculty members per event.
- Led strategic outreach to over 150 companies, supporting initiatives that enhance the professional development of engineering and computer science students at UofT in both technical and interpersonal skills.
- Secured over \$50,000 in monetary sponsorships from notable companies such as Qualcomm and Synopsys, along with product sponsorships and guest speakers from TELUS, Qualcomm, AWS, and AMD.

Rumble Boxing Studio, Toronto, ON

May 2025-Present

Front of House Staff (Part-time)

- Delivered end-to-end customer service, including class check-ins, hand-wrapping assistance, and maintaining studio readiness and supplies.
- Facilitated sales for group classes and personal training sessions, managing scheduling for both clients and trainers

FinTorch (affiliated with The Hatchery): AI for Financial Analysts, Toronto, ON

February 2023-October 2024

Co-Founder, Software Developer (FullStack & LLM), Business Strategist

- Co-founded and Engineered an Advanced **LLM** using **NLP** techniques via OpenAI's GPT model, achieving integration with over 20 financial APIs to elevate decision-making processes for both retail and institutional investors.
- Led the Iterative Development for multiple versions of a **Next.js** website, utilizing a tech stack that included **React**, **TypeScript**, and **Tailwind**. Managed backend operations using **AWS** and **Flask**. Each version yielded a 50% uptick in active user engagement, cumulatively attracting more than 3,000 users.
- Won **First Place** at the Sibos Canadian Student Challenge 2023, bringing FinTorch to Sibos TV to share with world's leading financial executives.

SED Lab - University of Toronto Engineering MIE Department, Toronto, ON

May 2023-August 2023

Researcher (AR/VR), Software Developer (User Interface in VR Environment)

- Developed an Immersive Virtual Reality Environment using **C** and **Unity**, designed to simulate Knee Replacement Surgery procedures.
- Conducted usability testing with 16 participants following the REB protocol, resulting in a 25% improvement in understanding of the procedure after engaging with the VR simulation.