

Lily You

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EDUCATION

University of Toronto

Bachelor of Science in Computer Science, Contemporary Asian Studies Minor

Toronto, ON

Sept. 2025 – Present

Albert Campbell Collegiate Institute

Ontario Secondary School Diploma

Toronto, ON

Sept. 2022 – Jun. 2025

EXPERIENCE

Founding Engineer

Pacefield

Jun. 2026 – Present

Toronto, ON

- Understood what users need by mapping out the customer journey and tracking how they move through the app
- Translated user insights into a working prototype in Figma by applying UI/UX principles
- Building the app's front-end while coordinating closely with the back-end team on integration

Graphic Designer

University of Toronto Machine Intelligence Student Team

Oct. 2025 – Apr. 2026

Toronto, ON

- Reached hundreds of UoT students by designing clear, on-brand graphics for events and campaigns
- Improving the UTMIST website by identifying UX issues, brainstorming layouts and sharing feedback with the infrastructure team
- Delivered all designs on time by staying in close contact with the team on direction and deadlines

Freelance UI Artist

Purple Studios LLC

Jun. 2025 – Present

Toronto, ON

- Designed game UI elements like item menus and dashboards by creating clean, easy-to-navigate layouts in Figma
- Delivered ready-to-use UI assets by translating game design needs into polished, functional screen layouts

Co-Editor

Albert Campbell Collegiate Institute Yearbook Crew

Sep. 2022 – Jun. 2025

Toronto, ON

- Coordinated a 60+ member team by leading weekly meetings and facilitating communication between members
- Kept production on schedule by overseeing layout and photography teams and enforcing deadlines
- Strengthened collaborative design skills by iterating on layouts across multiple rounds of team feedback
- Ensured visual consistency across the book by reviewing designs for formatting, typography, and layout in Adobe Photoshop

PROJECTS

NYC Subway Congestion Optimizer | *Python(Plotly, Dash, NetworkX), Git*

Mar. 2026 – Apr. 2026

- Turned a complex city-wide transit problem into a simple tool anyone could use by testing thousands of route additions, reducing congestion by 16%
- Built a full interactive map showing live congestion changes across the city using Plotly and NetworkX
- Worked across the full stack by building the front-end visualization and collaborating with teammates on the data pipeline and backend logic

ASLingo | *Python, React, CSS, Git, node.js, Vercel*

Oct. 2025

- Built and demoed a sign language learning app with a team of 4 in just 36 hours
- Kept users engaged longer by adding game-like features like progress tracking and interactive lessons
- Built a clean and accessible interface by using Figma and React/CSS

TECHNICAL SKILLS

Languages: Python, Java, HTML/CSS

Frameworks: React

Developer Tools: Figma, Adobe Creative Cloud, PyCharm, Git, VS Code