

# Bruce Lin

Computer Science Student & Front-End Developer

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## EDUCATION

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### University of Western Ontario — Western University

London, ON · 2023–Present

Bachelor of Science, Computer Science · Expected Graduation: Spring 2027

## TECHNICAL SKILLS

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**Languages**      Java · Python · JavaScript · TypeScript · PHP · Rust · HTML · CSS

**Tools & Platforms** Git · Linux / Unix · Oracle Cloud · Tauri · Node.js

**Libraries**        Three.js · GSAP · Tkinter

**Creative**        After Effects · Photoshop · Blender

## PROJECTS

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### ClipStack

github.com/brucelsprouts/clipstack

Tauri · Rust · TypeScript

- Built a cross-platform desktop clipboard manager using Tauri, combining a Rust backend with a TypeScript/HTML frontend in a single native binary.
- Implemented persistent clip history, image preview, full-text search, pinned clips, a global keyboard shortcut, and light/dark themes.

### Personal Portfolio — brucelsprouts.com

brucelsprouts.com ·

github.com/brucelsprouts/brucelsprouts.github.io

HTML · CSS · JavaScript · Three.js · GSAP

- Designed and built a cyber-tech themed portfolio from scratch with no CSS or JavaScript frameworks.
- Integrated a Three.js 3D particle system, GSAP scroll animations, URL deep-linking, a hidden aim-trainer minigame, and a low-performance accessibility mode.

### XPWaste

github.com/brucelsprouts/xpwaste

Python · Tkinter · PyInstaller

- Developed a desktop focus timer featuring session history logging, custom notification sounds, and dual themes; packaged as a standalone Windows executable requiring no Python install.

### Nixie Counter

github.com/brucelsprouts/nixiecounter

PHP · Node.js · Oracle Cloud · SVG

- Deployed a server-side visitor counter on Oracle Cloud that generates and streams a real-time Nixie-tube SVG image; embeds in any GitHub README or webpage via a single URL.

## EXPERIENCE

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### Video Editing Intern

Summer 2024

AMG

- Edited and delivered video content using After Effects and Premiere; produced motion graphics, compositing, and transitions for client-ready deliverables.
- Managed timelines across multiple concurrent projects in a professional production environment.

## **English Tutor**

2021–2023

Ignite Youth Club

- Tutored students in English comprehension and writing in a structured youth program; adapted teaching approach to individual learning needs.