

Daniel Chen

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EDUCATION

Peking University

Guanghua School of Management

Beijing, China

Sep 2026 – Jan 2027

The University of British Columbia

Combined Major in Business and Computer Science (BUCS)

Vancouver, BC

Sep 2023 – May 2027

WORK EXPERIENCE

Software Engineer Intern

Opt Out Rights

May 2026 – Jul 2026

Vancouver, BC

- **Architected and shipped a privacy-first Firefox extension** that blocks and explains third-party trackers entirely on-device with zero telemetry or browsing-data transmission, earning a **5-star user rating**.
- Compiled 55,496 EasyPrivacy network rules into a 1.66MB offline engine, achieving **under 30ms p95 cold initialization** across a 50,000-request benchmark.
- Built a fault-tolerant enforcement engine validated against redirects, domain boundaries, storage failures, and Manifest V3 worker restarts, **preserving protection through browser lifecycle failures**.

Software Developer

Nicola Wealth Management

Jan 2026 – Apr 2026

Vancouver, BC

- **Built 47% of Nicola Wealth's framework-agnostic component library**, standardizing UI behavior across internal applications using Lit, TypeScript, and Web Components.
- **Increased internal-site usage by 170%** by analyzing funnels and redesigning high-friction workflows.
- Diagnosed and repaired a broken CI/CD pipeline for a production client application, **restoring reliable automated builds and deployments** and unblocking ongoing development.

Procurement Administrator

Boardwalk REIT

Jun 2024 – Aug 2024

Calgary, AB

- **Automated over 60% of outbound communications** by developing a custom VBS macro, significantly improving procurement workflow efficiency.
- **Analyzed over 16,000 lines of supply chain data** to identify pricing inconsistencies between multiple sites.

VOLUNTEER EXPERIENCE

UBC Supermileage Engineering Design Team

Software Developer and Business Team

Jan 2024 – Jun 2025

Vancouver, BC

- **Secured \$10,000 in sponsorships** by pitching the team's engineering goals to local and national companies, enabling key teamwide technology upgrades.
- Developed the official team website using Next.js and Tailwind CSS improving public visibility by **30%**.

PROJECTS

Housr.ca | Python Django, TypeScript, Next.js, AWS, PostgreSQL

- Spearheaded end-to-end product development of a full-stack housing platform to match UBC students with rental listings based on saved preferences.
- Onboarded 25 landlords and reached **200 concurrent site visitors**.
- **Reduced image file sizes by 50%** by designing and deploying an automated image processing pipeline using AWS S3 and Lambda for compression and format conversion. Integrated AWS CloudFront for global content delivery, **improving load times by 35%**.

TECHNICAL SKILLS

Languages: C++, Python, TypeScript, JavaScript, HTML/CSS, SQL (PostgreSQL)

Frameworks and Libraries: React, Next.js, Django, JUnit, Tailwind CSS, LangGraph

Developer Tools: Git, Github, Supabase, Figma, VSCode, RStudio, DBeaver

INTERESTS

Endurance Athletics: Completed a 50km run and a 200km bike ride