

# Ben J. Wang

Toronto, Canada

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## Education

University of Toronto

Sep 2021 – Present

Honours Bachelor of Science (HBSc), Computer Science (Co-op) & Statistics

### Awards:

- Department of CMS UTSC Teaching Assistant Award for CSCA48 (2024, Value: \$200)
- Department of CMS UTSC Contributions Award: CSCA48 (Winter 2024)
- Department of CMS UTSC Contributions Award: STAB52 (Summer 2023)

## Teaching Experience

Teaching Assistant, University of Toronto

Jan 2024 – Present

- **CSCA48**: Winter 2024; Summer 2024 (Head TA); Winter 2025; Summer 2025 (Head TA)
- **CSCA08**: Fall 2024; Fall 2025 (Head TA); Winter 2026 (Head TA)
- **CSCB09**: Winter 2025

### Responsibilities:

- Taught weekly tutorials; held weekly office hours.
- Graded tests and assignments for 3500+ students.
- Managed TA schedules as Head TA.
- Maintained and operated automarking tools.
- Provided student support via Piazza.

## Research & Scholarly Activities

### UTSC Undergraduate Research Symposium (2025)

*VenU: Usability Study of a University Room Booking Platform*

Collaborated with a group of six to analyze user interactions and identify usability challenges of the VenU platform.

## Projects

Acton Institute of Computer Science — Registration Portal

Jun 2023 – Aug 2023

[Source Code](#) / [Deployed Site](#)

- Built an online registration portal supporting **100+ users**.
- Performed code reviews and used **GitHub** for version control and PR workflows.
- Followed a **scrum** development process based on **client feedback**.
- Implemented with **React**, **TypeScript**, and **Google Firestore**.

[Source Code](#)

- Followed Scrum, branching best practices, and industry-standard workflows.
- Developed features for a mobile-first platform centralizing UofT club events, recruitment posts, and recommendations.
- Contributed to the **React** frontend, **Node.js** backend, and **Supabase** database.

## Apache Superset — Open Source Contribution

Oct 2025 – Nov 2025

[Pull Request](#) / [Issue](#)

- Fixed unclear table export behaviour in **Superset**.
- Designed **UI mockups** for proposed improvements.
- Reviewed peer code and submitted a compliant pull request.

## Academic Leadership

### AMACSS — Director of Computer Science

Oct 2025 – Present

- Managed teams of course representatives to run academic review seminars.
- Coordinated with instructors to align seminar content with coursework.

## Industry Experience

### WinMagic Corp — Junior Developer Intern

May 2024 – Aug 2024; May 2025 – Aug 2025

- Implemented software features in **C#**, **React**, and **ASP.NET MVC**.
- Participated in architecture and system design discussions.
- Debugged application issues and resolved user-reported bugs.
- Documented development changes using **Jira**, **GitHub**, and **Perforce**.
- Collaborated with developers, testers, and product managers.

### Doxim — QA Analyst Intern

Jan 2025–Apr 2025

- Updated and maintained QA test cases under senior guidance.
- Built and maintained **150+** **JMeter** automated tests.
- Executed automated and manual tests; tracked and reported issues.
- Produced QA test reports and contributed to quality planning.

## Technical Skills

**Programming Languages:** Java, TypeScript, React, C, C#, Python, R, HTML, CSS,  $\text{\LaTeX}$

**Tools & Technologies:** Git/GitHub, Jira, Android Studio, R Studio, VS Code, JUnit, Logisim, Visual Studio, Firebase, JMeter, Supabase

**Operating Systems:** Linux, Windows, MacOS, Android, iOS