

Steven Shao

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EDUCATION

University of British Columbia

Sept 2020 – May 2026

Bachelor of Science in Computer Science

Vancouver, BC

- **Academics:** 4.1/4.33 Cumulative GPA
- **Scholarships:** University of British Columbia Tuum Est Award, BC Achievement Scholarship

EXPERIENCE

Software Developer

Jan 2024 – Aug 2024

Visier Inc.

Vancouver, BC

- Developed a status popup in Angular and blocked edit/delete actions in both frontend and Scala backend to prevent race conditions during long-running requests.
- Implemented server-side safeguards and UI state restrictions to maintain consistency across distributed components.
- Rebuilt Planning module components in KnockoutJS based on provided designs, introducing color-coded hierarchies to clarify calculation logic.
- Wrote maintainable, production-ready code while participating in sprint planning and code reviews.

Software Developer

May 2022 – Dec 2022

Ensemble Systems

Richmond, BC

- Built a responsive portfolio page using React, Redux, and React Router to improve UX.
- Reduced company website load times by 30% by serving images in WebP format.
- Led development for multimedia player and automated S3 uploads with CloudFront cache invalidation via NodeJS.
- Prototyped OAuth login with AWS Cognito and integrated it into MVP.
- Wrote unit, integration, and E2E tests with Jest and Cypress, achieving 90% code coverage.

Development Support

June 2020 - Sept 2020

Electronic Arts

Burnaby, BC

- Performed various testing types: accessibility, regression, stability, destructive, shelf, alpha/beta checklists.
- Prioritized concise communication with the QA and development teams, ensuring bugs were logged and resolved.
- Reproduced and followed up on legacy tickets, resolving over 80% of them.
- Wrote cohesive bug reports, attended meetings with other project teams, and monitored team channels for communication.

PROJECTS

Personal Website | *TypeScript, React, TailwindCSS*

May 2023 – Present

- Built a fully responsive personal portfolio website, with support for all major browsers and mobile resolutions.
- Structured the project using React components and deployed via GitHub Pages with automated build and deployment via GitHub Actions.
- Focused on accessibility and performance optimization, reducing load time using lazy loading and image compression.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, Java, GraphQL, Python, SQL

Frameworks: Angular, React, KnockoutJS, NodeJS, TailwindCSS, Jest, Cypress, JUnit

Developer Tools: AWS, Git, VS Code, IntelliJ, Jira, Bitbucket

Libraries: React Router, Redux, Ajv JSON Validator

ACTIVITIES AND LEADERSHIP

Team Canada Dragon Boat: Represented Canada at the 2025 IDBF World Championships in Germany