

Steven Shao

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EDUCATION

University of British Columbia

Sept 2020 – Nov 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 and API safeguards with Angular, Scala, and SQL to eliminate a race condition that caused major data loss for our largest enterprise customer. Implemented database schema updates and Datadog monitoring to prevent recurrence, saving 100+ hours of recovery work.
- Won 2nd place in company-wide hackathon for designing keyboard shortcuts in Angular that cut common task completion time by over 50%, and implemented them into the production app to improve user efficiency.
- Took ownership of the legacy Planning module (most profitable product area), creating reusable components in KnockoutJS and adding color-coded hierarchies to clarify calculation logic and improve usability.
- Increased release confidence by adding end-to-end tests with ScalaTest and Maven, performing code reviews for peers and senior developers, and monitoring production deployments via Jenkins CI/CD.

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

- Collaborated with QA and development teams to reproduce, document, and resolve defects, achieving over 80% resolution rate on legacy tickets.
- Performed accessibility, regression, and stability testing to ensure game quality prior to release.

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

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

Developer Tools: AWS, Git, Jenkins, Maven, 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