

Stephanie Xue

Bachelor of Computer Science (BCS) – Year 4

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EDUCATION

Bachelor of Computer Science (BCS), University of British Columbia

Sep 2024 – May 2027

Doctor of Pharmacy (PharmD), University of British Columbia

Sep 2018 – Apr 2022

TECHNICAL WORK EXPERIENCE

Kardium – Medical Device Software Developer Intern

Sept 2025 – Present

- Collaborating with developers and designers to implement UI tools and build automated test suites using Java, IntelliJ IDEA, Gradle, Bitbucket, and TeamCity, to help streamline feature development for the Globe Pulsed Field System, an innovative medical technology designed to treat atrial fibrillation through high-definition mapping and atrial ablation

TECHNICAL PROJECTS

Personal Portfolio Website (Personal) | Github | Link

Aug 2024 – Present

- Crafting a responsive portfolio website from scratch using React, Vite, JavaScript, HTML5, and CSS3 to showcase personal projects, professional experiences, and digital art, deployed on Netlify for cloud hosting
- Implementing interactive UI components by developing a dark/light mode toggle that dynamically switches themes using React state management and conditional CSS rendering, as well as randomized image galleries and project carousels integrating React state and props with custom array shuffling logic for real-time content updates

Primary Care Clinic Application (Academic) | Github

Jan 2025 – Apr 2025

- Developed an electronic health record (EHR) application using Java and Java Swing, applying OOP principles to optimize patient management with dual interface options (CLI and GUI) for enhanced user flexibility
- Implemented data persistence using JSON to ensure reliable state management and wrote comprehensive JUnit tests

TriageMate (BCS Hackathon) | Github | Devpost

Mar 2025

- Built a full-stack mobile application in a 24-hour hackathon to streamline hospital triage through AI-driven symptom reporting, using React Native, Expo, TypeScript, JavaScript, Node, Express, MongoDB, and Google Gemini Flash 2.0 AI API
- Developed a clean and intuitive UI tested with Expo Go, and utilized effective AI prompt engineering to generate structured, clinically relevant JSON outputs for appropriate symptom analysis and triage risk assessment

Mentra (cmd-f Hackathon) | Github | Devpost | Link

Mar 2025

- Created a full-stack AI-powered mental wellness journal chatbot web application in a 24-hour hackathon, using Django, Python, SQLite, JavaScript, HTML5, CSS3, and Google Gemini Flash 2.0 AI API to deliver personalized user responses
- Led full-stack development, implementing user authentication, database management, and secure API integration with environment variable handling to ensure data protection and secure deployment on Render

Cuisinable (HackCamp) | Github | Devpost | Link

Nov 2024

- Built a full-stack web application in a 11.5-hour hackathon, using React, Node, Express, Vite, JavaScript, HTML5, and CSS3 to generate curated recipes based on user-specified intolerances, allergies, and cuisine preferences

Tenzies Game (Personal) | Github | Link

Jul 2024 – Aug 2024

- Developed a dice game using React, Vite, JavaScript, HTML5, CSS3, and Netlify with a live timer and high-score tracker; used state management, React hooks (useState, useEffect) for game logic, and setInterval for real-time responsiveness

TECHNICAL SKILLS

- Programming:** Java, Python, C++, C, SQL, JavaScript, TypeScript, HTML5, CSS3
- Frameworks & Tools:** React, React Native, Vite, Expo, Django, Flask, Bootstrap4, Java Swing, JUnit Jupiter, Unit Testing, OOP, RESTful APIs, Git, Github, Bitbucket, VS Code, IntelliJ IDEA, TeamCity, Netlify, Render, Figma, Canva, Procreate

OTHER WORK EXPERIENCE

Shoppers Drug Mart #2127 – Pharmacist (Casual)

Mar 2024 – Present

- Delivering individualized clinical consultations, medication review services, and vaccinations, applying strong critical thinking and problem-solving skills to help optimize patient outcomes and resolve complex drug therapy problems

Medical Centre Prescriptions – Pharmacist (Mental Health & Diabetes)

Jul 2022 – Oct 2023

- Managed hospital discharges with leading mental health teams in BC, fostering strong teamwork and leadership skills

ACADEMIC AWARDS & SCHOLARSHIPS

Dean's Honours List (Sep 2016 – Present) | *Trek Excellence Scholarship* (top 5% of undergraduate year; Sep 2018 – Apr 2021) | *London Drugs Limited 60th Anniv. Undergraduate Scholarship* (2021) | *Dean of Pharmaceutical Sciences Scholarship* (2020)