

# Stephanie Xue

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## Education

### University of British Columbia (UBC)

- Bachelor of Computer Science (BCS) – expected graduation in 2027 Sep 2024 – Present
- Doctor of Pharmacy (PharmD) – degree conferred in 2022 Sep 2018 – Apr 2022

## Technical Skills

- **Programming Languages & Technologies:** JavaScript, Python, C, HTML5, CSS3
- **Development Practices & Tools:** React.js, Node.js, Vite, Bootstrap4, Django, Flask, SQL (SQLite), RESTful APIs, Object Oriented Programming (OOP), Git, Github, VS Code, Bash, Netlify, Render, Figma, Canva, Procreate

## Projects

### Personal Portfolio Website (Personal Project) | [Github](#) | [Link](#)

- Built a responsive, component-driven portfolio website with React.js, Vite, JavaScript, HTML5, and CSS3 to showcase personal projects, technical proficiencies, professional experiences, and digital art, deployed on Netlify for cloud hosting
- Designed and implemented interactive UI components by developing a dark/light mode toggle that dynamically switches themes using React state management, applying conditional rendering and custom CSS3 classes for seamless transitions
- Built randomized image galleries and project carousels integrating React.js state and props, employing array shuffling algorithms to trigger re-renders and ensure image reordering on each load, enhancing dynamic content presentation
- Crafted an animated console-style homepage by leveraging JavaScript for dynamic text rendering, simulating a typing effect and progressively updating the DOM, complemented by a CSS3-animated gradient background for an immersive experience

### Cuisinable (Hackathon Project - HackCamp 2024) | [Github](#) | [Devpost](#) | [Link](#)

- Developed a full-stack web application in a 11.5-hour hackathon, leveraging React.js, Node.js, Express.js, Vite, JavaScript, HTML5, CSS3 and Render, to generate recipes based on user-specified intolerances, allergies, and cuisine preferences
- Implemented a Node.js and Express.js backend to handle user requests, dynamically constructing API calls to the Spoonacular API by constructing URL query strings and fetching filtered recipe data via fetch and .then() promise chaining
- Designed a responsive React.js frontend to parse and map JSON responses from the backend into reusable UI components, rendering curated recipe cards with images, summaries, and step-by-step instructions through state management and props

### Quizzical (Personal Project) | [Github](#) | [Link](#)

- Built an interactive web application with React.js, Vite, JavaScript, HTML5, CSS3, Netlify, and the Open Trivia Database API to dynamically render trivia quiz questions based on the user's selected difficulty and category
- Managed asynchronous API requests utilizing fetch and React.js state management to ensure smooth, real-time updates to question content, integrating error handling logic to detect and manage failed API responses and network disruptions
- Designed a responsive frontend architecture using React.js, employing reusable components for rendering questions, validating answers, and dynamically tracking user scores, ensuring efficient data flow and optimized re-renders

### Tenzies Game (Personal Project) | [Github](#) | [Link](#)

- Engineered a real-time interactive dice game using React.js, Vite, JavaScript, HTML5, CSS3, Netlify, where players aim to roll matching dice as quickly as possible, featuring a live timer and high score tracking for competitive play
- Implemented dynamic state management to handle dice rolls, dice hold states, and high score updates, leveraging React.js hooks including useState and useEffect to synchronize game logic and UI rendering
- Implemented a game timer using React.js hooks like useEffect and setInterval to increment the timer by 10ms each interval cycle, ensuring real-time responsiveness with cleanup logic to reset the interval and ensure proper unmounting

## Work Experience

### Shoppers Drug Mart #2127 – Pharmacist (Casual)

Mar 2024 – Present

- Delivered comprehensive clinical consultations, medication reviews, and vaccination services, effectively translating complex medical information in an accessible manner, showcasing strong communication skills, empathy, and adaptability
- Performed thorough prescription verification, reflecting high attention to detail and commitment to quality assurance

### Medical Centre Prescriptions – Pharmacist (Mental Health & Diabetes)

Jul 2022 – Oct 2023

- Worked cross-functionally with some of the largest mental health teams in BC (Surrey Mental Health, Delta Mental Health, etc.) to actively manage hospital discharges and ensure seamless recovery-oriented community reintegration, fostering strong teamwork and leadership skills through interprofessional collaboration with diverse healthcare professionals
- Resolved complex drug therapy problems, applying critical thinking and problem-solving skills to optimize patient outcomes

## Additional Languages

- Mandarin Chinese (professional working proficiency)

## Academic Awards & Scholarships

- Dean's Honours List (standing of at least 80%) Sep 2016 – Present
- Trek Excellence Scholarship (top 5% of undergraduate year) Sep 2018 – Apr 2021
- Other awards: London Drugs Limited 60<sup>th</sup> Anniversary Undergraduate Scholarship (2021), Dean of Pharmaceutical Sciences Scholarship (2020), Marion L. Pearson Scholarship in Pharmaceutical Sciences (2019), James M. Orr Scholarship (2019)