

# Raymond Kong

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## Education

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### Simon Fraser University, Burnaby BC

Sept 2022 - Est. Dec 2025

Bachelors in Computing Science

3.40 GPA

## Technical Skills

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- **Programming Languages:** Python, Java, JavaScript, C++, Go, SQL
- **Frameworks/Libraries:** React, Spring Boot, NodeJS, Apache Spark, Express
- **Software:** Docker, Git, Visual Studio, Jupyter Notebook, SQL Server

## Projects and Technical Experience

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### Segmented Medical Image Viewer Website

Sept 2023 - Dec 2023

- Implemented Meta's segment-anything model (SAM) to work on 2-D DICOM images for computer-aided diagnosis
- Developed a front end using React and the Dicom Web Viewer package to enable image manipulation on DICOM images
- Created a backend with Flask to segment and upload images to Firebase upon user upload
- Utilized team and pair programming during SAM integration to improve code quality and understanding among team members

### Workout Tracker Website

Aug 2023 - Oct 2023

- Created a full stack website that keeps track of a user's workouts using React by adding, deleting, and displaying exercises
- Built a sign-in page that stores user info into MongoDB with passwords hashed using bcrypt
- Used local storage and JSON Web Tokens to keep users logged in and disabled functionality for signed-out users by redirecting them to the sign-in page

### Business Review Website

Aug 2024 - Present

- Creating a website that displays business information and reviews using Java with Spring Boot and PostgreSQL to store data
- Implementing user authentication with Spring Boot and OAuth2 to enable Google and Github sign in along with local login
- Developing a front end using React and TailwindCSS that enables users to view reviews and businesses using 5 different query options

## Work Experience

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### Lifeguard/Instructor

Jul 2022 - Present

City of Vancouver, Vancouver BC

- Manage and teach classes of 4-6 kids by giving personalized and concise feedback to help improve their skills
- Supervise and create a safe and fun environment by enforcing rules and regulations
- Adapt and solve situations by attending to emergencies and administering first aid to help people in distress