

# Connor Young

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## EDUCATION

### University of British Columbia

Bachelor of Arts, Major in Computer Science, GPA: 3.85

Apr 2026

Vancouver, BC

## PROFESSIONAL EXPERIENCE

### Self-employed

AP Computer Science Tutor

- Upcoming

July 2024 – Aug 2024

Calgary, AB

## TECHNICAL PROJECTS

### PathFinder - AI Travel Planner | React, Django, OpenAI, Git, CSS

May 2024

- Utilized **OpenAI's** API for an NLP model to tailor personalized itineraries based on user preferences, enhancing the travel planning experience
- Engineered a **Django** Realtime Database with **RESTful API** capabilities for seamless user itinerary management, allowing effortless creation and deletion.
- Developed a responsive and engaging user interface leveraging **React routing**, state management, and CSS techniques to optimize user experience and foster interaction
- Streamlined an algorithm for intelligent sorting of AI-generated output into JSON format, facilitating efficient data storage and retrieval for individual users

### MindFit - Catered Exercises — React, Firebase, Git, CSS

Apr 2024

- Programmed an interactive **React** app to integrate personalized exercise and meditation into students' schedules, incorporating with omnichannel features
- Led a team of new developers, mentoring them in React and delegating tasks, creating an efficient workspace for the team
- Used **Firebase** to store user preferences and login streak and implement user authentication
- Achieved an honorable mention at the YouCode 2024 Hackathon, competing against 200 participants.

### Liftify - Workout Progress Tracker | Java, JSON, JUnit, Java Swing

Jan 2024

- Assembled a comprehensive **Java** application enabling individual exercise logs across workout categories, elevating user convenience and data organization.
- Created a Java algorithm to filter workout data based on user input intelligently, providing insightful analysis into specific workout categories
- Built a robust JSON data storage mechanism for efficient data retrieval and management
- Constructed a dynamic GUI using Java Swing, optimizing user interactions and enhancing overall usability

### Photography Portfolio | React, HTML, CSS

Apr 2023

- Engineered a dynamic and interactive circular array of sorted images using React states, enhancing user interface
- Designed a responsive front-end web application with React and CSS, ensuring optimal user interface among various screen sizes
- Integrated client-side routing via React Router in a React project, enabling seamless navigation between views within a single-page application
- Implemented JSON storage database to optimize data management efficiency and enhance storage flexibility

## SKILLS

**Languages:** Javascript, Java, Python, HTML/CSS, Racket

**Frameworks/Libraries:** React, Node.js, Django, Firebase, MongoDB, Express, Regex, Tailwind, Bootstrap

**Developer Tools:** Git, VS Code, Figma