

Connor Young

youngconnor.com | xxx.xxx.xxxx | xxxxxxxxx@gmail.com | linkedin/in/conryoung | github.com/youngconnorr |
Vancouver, BC | Calgary, AB

EDUCATION

University of British Columbia

Bachelor of Arts – Major in Computer Science

April 2026

Vancouver, BC

- GPA: 3.90
- Courses: Computation, Programs, and Programming, Models of Computation, Object Oriented Programming

EXPERIENCE

AP Computer Science Tutor

April 2024 – Present

Self-employed

Calgary, AB

- Tutored high school students in **object-oriented programming and Java**, focusing on data structures, algorithms, system design, and coding fundamentals, leading to an average **grade increase of 15%**.
- Created in-depth lessons emphasizing application-based learning, resulting in stronger fundamentals and problem-solving skills.
- Guided students through complex algorithms such as 2D arrays, recursion, and search, enhancing their grasp of essential computer science theories and concepts.

Sales Associate

June 2023 – August 2023

JD Sports

Calgary, AB

- Delivered quality service to over 1,000 customers by synchronizing stock management with real-time demand.
- Collaborated with the digital marketing team achieving 200k+ new interactions using promotion strategies
- Organized and tracked 750 boxes of shoes and apparel for a new store, optimizing resources and workspace

TECHNICAL PROJECTS

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

May 2024

- Developed an intelligent itinerary planning web application using **OpenAI API** to generate personalized travel plans for 4000+ cities based on user inputs, including number of guests, budget, and travel season.
- Engineered a **PostgreSQL** Realtime Database with a **RESTful API** and **CRUD** using **Django** for seamless user itinerary management, allowing effortless creation and deletion.
- Developed a responsive and engaging user interface design with **React**, 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 for 90% faster parsing, facilitating efficient data storage and retrieval for individual users

MindFit - Exercise Provider | *React, Firebase, Git, CSS*

April 2024

- Programmed an interactive **React** app to integrate personalized exercise and meditation into students' schedules, incorporating with omnichannel features.
- Integrated **Firebase** for user authentication, securely storing user preferences and workout history.
- Achieved an honorable mention at the YouCode 2024 Hackathon, competing against 200 participants.

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

January 2024

- Assembled a comprehensive **Java** application enabling individual exercise logs across workout categories, elevating user convenience and data organization.
- Created an algorithm to filter workout data based on user input, providing insight for specific workout categories.
- Implemented unit testing with **JUnit** for 97% code coverage, promoting robust code and reliable data storage.

Photography Portfolio | *React, HTML, CSS*

April 2023

- Engineered a dynamic and interactive circular array of sorted images using React states, enhancing user interface
- Structured client-side routing via React Router in a React project, enabling seamless navigation between views within a single-page application

SKILLS

Languages: Javascript, Java, Typescript, Python, PostgreSQL, HTML/CSS, Racket

Technologies: React, Node.js, Django, Axios, Git, Firebase, MongoDB, Express, Docker, Axios, Tailwind, Bootstrap

Concepts: Frontend Development, Backend Development, Fullstack Development, Data Structures and Algorithms, RESTful APIs, Product Management, Version Control, Regex, Object Oriented Programming