

# Palmer Currie

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## Education

### University of British Columbia (UBC)

09/2022 - 04/2027

Bachelor of Science (BSc.) | Major in Computer Science | UBC Co-op Program

- Data Structures & Algorithms, Machine Learning, Relational Databases, Operating Systems, OOP

## Skills

**Programming Languages:** TypeScript/JavaScript, Java, Python, SQL, HTML/CSS

**Technologies and Frameworks:** React/React Native, Angular, Spring Boot, Jest, JUnit, Google Firebase, Supabase

**Tools:** Git, Jenkins, SQL Server, Docker, Figma, Adobe Suite (Photoshop, Premiere), Visual Studio

## Experience

### Software Engineer I Co-op | Planview (formerly Tasktop) | Vancouver, BC

01/2025 - 08/2025

- Led the migration of **50+** legacy **Angular** components to **React**, ensuring consistent UI across Planview platforms.
- Built dynamic and reusable UI components in **React** and **TypeScript**, reducing user-reported latency by **30%**.
- Designed scalable backend services in **Java/Spring Boot**, supporting thousands of low-latency API requests.
- Increased product reliability through **TDD** with **Jest** and **JUnit** test suites, reducing production bugs by **25%**.
- Collaborated with **UI/UX** teams to translate **Figma** mockups into components, reducing turnaround by **40%**.

### Program Assistant II | City of Vancouver | Vancouver, BC

04/2024 - Present

- Coordinated program logistics and events, ensuring smooth setup and operations for **100+** participants.
- Introduced weekly team reviews, cutting incident frequency by **30%** and improving communication across staff.
- Oversaw community center facilities after hours, ensuring secure opening and closing building procedures

## Projects

### Pickwise Sports ([pickwisesports.app](http://pickwisesports.app))

04/2025 - Present

- Created an **AI-powered** NBA insights app in **React Native**, delivering real-time predictions and player insights.
- Developed an **XGBoost** model in **Python** using NBA data, achieving **70%+ prediction accuracy** in outcomes.
- Engineered a **FastAPI** backend automating data ingestion and prediction storage via cron **PostgreSQL** jobs.

### AlgoBytes ([algobytes.app](http://algobytes.app)) | ([App Store](#))

09/2024 - 04/2025

- Developed a Duolingo-style **React Native** app teaching **data structures and algorithms** on **iOS** and **Android**.
- Architected a **Supabase Postgres** schema enabling real-time quiz updates without redeployment.
- Created **100+** interactive algorithm questions (arrays, graphs, trees) to reinforce learning and boost engagement.

### Messaging App ([github.com/PalmerCurrie/Messaging-App](https://github.com/PalmerCurrie/Messaging-App))

07/2024 - 09/2024

- Built a real-time messaging app in **React/JavaScript** supporting global and private chats.
- Implemented real-time sync via **Firebase Firestore** listeners, ensuring instant chat and notification updates.
- Added **Firebase Auth** with Google/email login, password resets, and personalized user profiles.

## Awards

- Arnie Zucker Community Leadership Award 06/2022
- Ike Barber Transfer Scholarship 07/2023