


# Cody Sayo

BSc Computer Science

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## EXPERIENCE

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### Alida

#### Software Development Intern

Jan 2022 – Aug 2022

- Developed full stack customer experience management applications using React and TypeScript on the CXM team, which owned the Social Reviews, Actions, and Customer Journeys applications
- Implemented a review sentiment feature from frontend to backend for Social Reviews, working alongside a senior engineer to integrate AI review sentiment data in the backend and the UX team to conform to mock ups in the frontend, allowing clients to gain further insight on their customers
- Worked on the frontend development of the new Customer Journeys application, allowing Alida to launch Customer Journeys on schedule to clients
- Refactored and upheld code according to clean architecture guidelines proposed by the principal software architect, using controllers, gateways, presenters, and use cases to increase maintainability

### Invoke Media

#### Web Development Intern

May 2021 – Dec 2021

- Worked on full stack projects in small Agile teams to deliver weekly progress results to clients
- Implemented video player and currency conversion features for projektor.com, a React and Node based application using the Next.js and Nest.js frameworks, giving the product a unique video player UI, Chromecast capabilities, and wider audience reach
- Created a backend service for Go Oil to make appointments with a third-party API using Nest.js, improving upon their previous customer flow which was hindering Go Oil's efficiency
- Maintained test standards with Jest and assisted in QA testing to ensure high quality of weekly demos

## PROJECTS

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### Tarkov Item Tracker

Personal Project

#### React/Next.js, Flask, Firebase

Oct 2023

- Created a web app to allow players of Escape From Tarkov to track their in-game progress
- Implemented Google account authorization using OAuth 2.0 to save user progress data
- Queried a Tarkov GraphQL API to provide the most up-to-date information on progression requirements

### I Wet My Plants

nwHacks 2023

#### React Native, NodeJS, Firebase

Jan 2023

- Developed a mobile app in 24 hours that allows users to check their plant's moisture levels
- Created endpoints to fetch data from an Arduino moisture sensor to send to the app
- Integrated the Plant.id machine learning API and Trefle API for user plant identification

### PDF Colorizer

nwHacks Local Hack Day

#### React

Nov 2019

- Created a web application in 10 hours that converts PDFs into color-blind friendly versions

## EDUCATION

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### University of British Columbia, BSc Computer Science

Sep 2017 – May 2023

- Trek Excellence Scholarship for Continuing Students (2019)
- BC Achievement Scholarship (2017)

## TECHNICAL SKILLS

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**Languages:** JavaScript/TypeScript, React, Java, Python, SQL, HTML5/CSS3, C/C++

**Tools:** Git, PostgreSQL, Next.js, Nest.js, Node.js, Redux, Flask, JUnit, Jest