

# Edlee Ducay

github.com/edleeducay  
edleeducay.github.io/webportfolioV1

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## Experience

### Code Ninjas West Springs

May 2021 - Aug 2021

#### *Program Facilitator*

- Tutored students in JavaScript, Python, Lua, HTML, CSS and Scratch.
- Taught programming in robotics, 3D modeling and game development.
- Organized and ran hackathons, summer camps and other special events.
- Introduced and wrote new and creative curriculum relative to computer science.

## Skills

**Programming Languages:** JavaScript, HTML, CSS, Python, Java, C, Lua, Batch, Latex.

**Libraries and Frameworks:** React, Django, Bootstrap, Flask, Phaser.

**Tools and Platforms:** Unix, Windows, Heroku, Firebase, Docker, GoDaddy, Adobe Photoshop and Premiere Pro.

**Databases:** MySQL, SQLite, PostgreSQL, Firestore.

## Projects

### Custom Youtube Playlists

Aug 2021 - Present

*Stack: React, HTML, CSS, Firebase, Youtube API*

- Currently developing a web application that allows the user to create playlists and customize them.
- Signin and Signup developed with Firebase Authentication and Firestore for the database.
- Utilizes the Youtube Data API to handle video search requests.

### Converse and Cook

Sep 2021 - Dec 2021

*Stack: React, Django, MySQL, Google API with OAuth 2.0*

- Developed an application for a client that required a recipe and receipt management system for their events as a team of five.
- Recipes are open to the public requiring no authorization and acts as a grocery shopping list with check marking and the convert-units JavaScript library to enable on the go unit conversion.
- Authorized use is for adding recipes to the database as well as sending receipts to the admins for reimbursement.

### Fitness App

Sep 2021

*Stack: Django, Python, HTML, CSS, MySQL*

- Developed for daily rep and set tracking for workouts.
- Stores weight per lift, current time as well as calculates calories burned per session.
- Collaborated as a team of five for a university held hackathon.

### Baby Names Web App

Jan 2021

*Stack: Flask, Python, JavaScript, HTML, CSS*

- Performs a selection of actions to query a database of names of babies born in Alberta from 1980 to 2017.
- Deployed on heroku: [baby-names-webapp.herokuapp.com](https://baby-names-webapp.herokuapp.com)

### Book Tracker

Sep 2020 - Dec 2020

*Stack: Java, Firebase, Google Maps API*

- Java based android application for tracking book sharing developed as a team of 6.
- Implements Firebase Firestore to mark books as loaned, pending, requested and available.
- Uses the Google Maps API to create a meet up location for loaning.

## Education

### University of Alberta — Edmonton, AB

Graduating April 2023

*Bachelor of Science: Major in Computing Science and Minor in Mathematics*

## Hackathons

- HackED 2021
- CMPUT 401 Hackathon 2021
- Code Ninjas Canadian Hackathon 2021 (facilitator)
- Hack the Northeast 2020
- Hack the North 2020