Edlee Ducay

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edleeducay.com

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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, Express, Bootstrap, Flask, Phaser.
Tools and Platforms: Unix, Windows, AWS, Heroku, Firebase, Docker, GoDaddy, Adobe Photoshop and Premiere.
Databases: MySQL, SQLite, PostgresSQL, 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 ass sending receipts to the admins for reimbursement.
- Visit Website: app.conversecook.com

Fitness App — Sep 2021
Stack: Django, Python, HTML, CSS, SQLite
- 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

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