

Nedu Ekeruche

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EDUCATION

Carleton University

Bachelors of Mathematics and Statistics

Ottawa, ON

Sept 2018 - June 2023

TECHNICAL SKILLS

Programming Languages: Python, Go, Dart, JavaScript

Libraries and Tools: PyTorch, Sklearn, Pandas, Numpy, Flutter, React, Git, Docker

Cloud Technologies: MongoDB, S3, App Engine, Compute Engine, Lambda, Airflow

WORK EXPERIENCE

Freelance Software Developer

Urbanova

Sept 2023 - Jan 2024

- Developed a robust real estate app, customized for a targeted international market. The app offers comprehensive property search, listing management, interactive maps, location scoring, and user authentication features.
- Utilized Flutter, Dart, and Firestore to build the app, ensuring a responsive and efficient user experience.
- Completed the project within the agreed timeline, earning recognition for professionalism and responsiveness from the client.

Freelance Software Developer

Fluffyknots

November 2023 - December 2023

- Developed a comprehensive e-commerce platform for a small crochet business, enabling online product browsing, ordering, and customizations.
- Utilized Flutter, Dart, Firestore, MongoDB, and Python FastAPI to create a responsive user experience.
- Implemented custom order management features, allowing customers to submit personalized requests and facilitating seamless communication between the business and its clients.

Sales Associate

Salvation Army, Ottawa

May 2021 - Aug 2022

- Accurately processed POS transactions, returning coins, currency, payment cards, and receipts to customers.
- Supervised the opening and closing of the store, ensuring a smooth transition between shifts and maintaining security protocols.
- Enhanced the end-of-day reporting system using Excel macros to automate and streamline the reporting process, resulting in a 50% decrease in closing time

PROJECTS

- **OC Transpo Analysis**, Utilized GTFS data to create a dashboard visualizing and analyzing every bus route in Ottawa. Developed with Python, Streamlit, Folium, and Altair.
- **Quiz Generator**, Built a quiz generation platform that allows users to effortlessly create quizzes from prompts, textual content, or PDF files using Transformers. Built with React, Python and JavaScript.
- **Soccer prediction**, Conducted in-depth analysis of soccer data spanning over 10 leagues, utilizing statistical models to predict match outcomes and evaluate player performances. Built with React, Python and JavaScript.
- **Trade Simulator**, Developed an app enabling users to buy/sell stocks, open various account types, and trade using virtual currency. Implemented a competitive lobby feature where users compete to earn the most money within a set time frame. Built with Flutter, Go, and Python.

CERTIFICATIONS

- Google Professional Machine Learning Engineer Sept 2023
- Google TensorFlow Developer Sept 2022

EXTRACURRICULAR ACTIVITIES

- **Course Auditor** for DeepLearning.AI Sept 2022 - current