MIHAI RADU FLOREA

UK

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Summary

Multidisciplinary, driven Software Developer with a passion for tech and a genuine interest in learning new skills, building things and helping others. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences. Excels at solving complex problems.

Skills

* Front-end /HTML / JavaScript / React / CSS
* Back-end / Node JS / Express
* SQL / PostgreSQL / AWS
* Python / Pandas / Matplotlib / Beautifull Soup
* Supervised Machine Learning / Unsupervised Machine Learning / Scikit-learn / Big Data
* Git / GitHub

Experience

Full - Stack Engineer Codecademy 2023

June 2022 - November 2022, University of Birmingham

24 weeks data analyst bootcamp.

* Practice Agile methodologies and collaborated with others via pair programming.
* Designed and built responsive front-end apps using React, HTML, JavaScript, and CSS.
* Develop my own API and database using Node.js, SQL and Express.
* Developed and worked on solo and group projects using statistics, data analysis, database management, data visualisation and programming languages such as Python.
* Use Beautiful Soup to scrape data from the web. Render a static HTML template with Flask.

Projects

Charity Funding Predictor

The nonprofit foundation Alphabet Soup wants a tool that can help it select the applicants for funding with the best chance of success in their ventures.

* Preprocess the datasets, determinate the unique values, determinate the number of data points for each unique value.
* Compile, train and evaluate the model.
* Optimize the model, adjust the input data to ensure that no variables or outliers are causing confusion in the model.
* Write a report on the Neural Network Model.

GitHub demo: <https://github.com/radoo945/Deep-Learning-21-Charity-Funding-Predictor>

Ushuaia Music for All <https://github.com/radoo945/Ushuaia-MusicforAll>

Find a classification model able to help us decide the type of mood of a song.

Tools: Excel, Python, PostgreSQL, SQL Alchemy, Tableau, Machine learning.

Education:

University of Birmingham, certification: 11/2022

University Petre Andrei – Faculty of Economy – Iasi, Romania

Bachelor’s degree **:** Commerce and Tourism 2005

Work History:

Shop Manager, 02/2012 - 04/2016

*S.C. Ritzio S.R.L*, Piatra Neamt, Neamt, Romania

**-** Managed the sales team of 12 staff.

**-** Responsible for growing sales and gross profit.

**-** Educated, train all team members on the importance of controlling trade break.