CHRISTOS KYRIAKOS

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EDUCATION

Msc in Electrical and Computer Engineering, University of Thessaly May 2022
GPA: 8 (in scale of 10)

Erasmus+ : High5 Aveiro, University of Thessaly October 2021
Participated in a multinational team in order to promote green thinking by integrating design thinking methodologies.

SKILLS

Languages	Javascript, Python, HTML, CSS, PostgreSQL, R, C, Verilog
Frameworks	Tensorflow/Keras, Jupyter Notebook, Truffle, Node.js, Express,
Tools	Git
Soft Skills	Time Management, Adaptability, Decision Making, Teamwork, Communication, Accountability

PROJECTS

Bitcoin Price Prediction using Artifial Neural Networks Python, Tensorflow, Scikit-learn,Github GitHub

- Created a time series forecasting model to predict bitcoin prices during the cryptocurrecy boom.
- Retrieved bitcoin prices data from yahoo and kaggle.
- Used python libraries to validate the regression assumptions.
- Implemented Tensorflow/Keras in order to create models for MLP, CNN, LSTM architectures.
- Achieved a score of 98% (but it's not really possible outside of theory

Smart City Problem Submission Platform Javascript.HTML,CSS ,Nodejs,ExpressJs,MongoDB GitHub

- Created a platform for problem submission in a smart city.
- Used the MVC (Model-View-Controller) pattern to design and implement user interfaces, data, and controlling logic
- Used MongoDB to store the data since the user had the ability to upload pictures.
- The application was deployed with Heroku.

Business Intelligence Through Machine Learning from Remote Sensing Satellite Data Python ,Tensorflow, Google Earth Engine API, Github GitHub

- Created a platform to perform a plethora of analyses related to satellite data(i.e LULCC detection/prediction) that can be used for decision making.
- Retrieved data from Google Earth Engine and Sentinel Hub.
- Implemented geopandas, follium and other libraries in order to process the data and create interactive maps.
- Part of my Thesis (which is work in progress at the time of applying)

Fake News Concept Drift Detection Python, Tensorflow, Github GitHub

- Attempted to create artifical drift in Fake News Detection Scenario.
- Retrieved data from kaggle and github in order to simulate the concept drift.
- Implemented a variety of python libraries(i.e cinnamon) to detect and tackle the drift.

EXTRA-CURRICULAR ACTIVITIES

- Member of Track & Field Team — Gea Trikalon

- Member of Film Club — University of Thessaly
- Harmony Degree in Music Theory — Municipal Conservatory of Trikala

WORK HISTORY

Smart City IT Officer Trikala Municipality 09 2021 - 10 2021
Non-paid Internship as part of the DevOps Competences for Smart Cities MOOC