Python Developer

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Authorized to work in the US for any employer

Work Experience

Python Developer January 2017 to January 2018

House Prices Prediction
? Machine Learning project that includes NumPy, ? Predicts property's sale price based on a given Pandas, Matplotlib, Scikit-Learn packages, as variety of attributes with predictive modeling and well as Linear Regression model. data processing algorithms.

Iris Flower Recognition ? Unsupervised classification Machine Learning ? Uses Scikit-Learn linear model package to project that classifies the species of given iris construct an algorithm with a Logistic Regression flowers based on various measurements. model.

Credit Card Fraud Detection ? Unsupervised classification Machine Learning ? Uses anomaly detection processes such as project that detects abnormal credit card IsolationForest and LocalOutlierFactor to build transactions. optimal algorithm for fraud detection.

Movie Search App ? Interactive Python application that returns ? Focused on writing reliable code through error accurate film information such as title, rating, handling, and utilizing packages such as requests and duration from IMDB. and collections to retrieve API.

Weather App ? Primarily focused on HTTP screen scraping and ? Application created within a Virtual Environment that utilizing external Python packages, such as provides user with a detailed weather forecast when BeautifulSoup and Requests. given an area/location.

Journal App ? Interactive Python application that allows users ? Works with File I/O, as well as manages and to create journal entries, which are then saved combines file path segments in a platform and automatically dated. independent way.

Mock Instagram Database ? Database created with MySQL using tables ? The main purpose is to detect bots and analyze along with randomly generated user data, overall user activity through table id relationships including usernames, comments, and likes. and table joins.

Education

Computer Science MIT 2018

Certifications/Licenses

Computer Science Present

Additional Information

Python Machine Learning ? Built-in types and operators, functions and scopes, ? Python libraries: Scikit-Learn, NumPy, Pandas, comprehensions and generators, modules and Matplotlib. packages, classes and OOP, operator overloading, ? Data preparation and handling: data cleaning, exception handling. handling text and categorical attributes, custom ? Linked lists, trees, graphs, searching and sorting transformers, feature scaling, transformation algorithms.

pipelines. ? Working with Virtual Environments and PyCharm. ? Machine Learning models and model evaluation.

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