

BEKZOD TOLIOV

Austin, TX, USA · [Portfolio](#) · [Email](#) · [Github](#) · [LinkedIn](#)

SKILLS

Coding | Python, Java, C++, NumPy, Scikit-Learn, Tensorflow, SciPy, Sktime, PySpark

Tools & Technologies | React, SQL, Node, AWS Cloud, Docker, Git, Jupyter Notebook, Streamlit, Flask

Machine Learning | Regression, Classification, Feature Engineering, Natural Language Processing, Neural Network, A/B Testing

Data Visualization | Matplotlib, Seaborn

EXPERIENCE

Data Science Immersive Fellow | General Assembly | Remote | Nov 2022 - Present

- **Reddit Post Analysis Using NLP**
 - Scraped Reddit “new” posts using PUSHSHIFT API, collected 12,000 posts and converted JSON response to csv format utilizing pandas
 - Performed data cleaning, EDA, and preprocessing to create data ready for modeling
 - Created K-Nearest Neighbor, Random Forests, AdaBoost, models to determine production model based on accuracy score, f1 score, and utilized Grid Search to find the optimal pipeline hyperparameters
 - Conducted data analysis based on charts/graphs generated to make recommendation on how to run targeted advertisement to sell *cashflow* board game
- **RSNA Screening Mammography Breast Cancer Detection using CNN**
 - RSNA provided anonymized patients meta data and mammogram with roughly 8,000 patients
 - Performed data cleaning, EDA and preprocessing converting imagings to sparse matrix, under sampled and over sampled dataset to combat imbalance dataset
 - Created Mixed Dataset model with Xception pretrained model. Density prediction model performed 85% accuracy and f-1 score 86%. Over sampled dataset for cancer prediction model accuracy 85% and f-1 score 61%

Business Owner | Everyday Earthlings Corp | Austin, TX | Jun 2021 - Jun 2022

- Formed business in transportation of goods operating within the United States and governed by DOT
- Embedded third party dispatching to find loads in real-time from best negotiators in the market
- Fixed trucks when it was necessary and created videos on youtube as a teaching mechanism
- Provided excellent customer service by providing on-time delivery agreed upon to clients such as PAM, FedEx, UPS Walmart and more. Working closely with team members and keeping clients up to date on current state of service

Web Application Developer | Health Connective | Remote | Mar 2021 - May 2021

- Applied improvements to physicians portal to interact with patient’s data as part of Auris project by Johnson & Johnson. Debug existing flow and implement optimal solutions such as data access and local storage utilization
- Created access to interfaces based on the user's role in a hospital

Web Application Developer | Universal Guardian Acceptance | Kansas City, MO | Aug 2020 - Feb 2021

- Created access to interfaces based on the user’s role in an existing financial program flow into API services, to improve tools for clients (such as LASIK and not limited to) to originate loans for their customers to offer credit line options
- Recognized for automating a service that would work with batch request
- Debugged services and collaborated with other departments to get their feedback and applied new changes in a timely manner

EDUCATION

General Assembly | Remote | Nov 2022 - Present

- Data Science Immersive Program

University of Missouri - STL | St. Louis, MO | Jan 2018 - May 2020

- Bachelor of Science in Computer Science (GPA: 3.74)