**BEKZOD TOLIPOV**
Austin, TX, USA · Portfolio · Email · Github · LinkedIn

## SUMMARY

As a recent graduate from a data science bootcamp and an experienced web application developer, I possess a strong foundation in Python, SQL, HTML, CSS, JavaScript, React, Node.js, and MongoDB. I have also developed strong statistical analysis skills, having completed several data science projects involving data cleaning, exploratory data analysis, and statistical modeling. I am skilled in problem-solving, debugging, and collaborating with cross-functional teams in a fast-paced environment. I possess excellent communication skills to effectively communicate technical concepts to non-technical stakeholders. I am passionate about contributing my skills to a data-driven organization that values innovation and collaboration.

## 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 |** New York, NY | Nov 2022 - Mar 2023

- Developed a deep learning model using TensorFlow to classify food images with an accuracy of 75% on a test dataset.
- Preprocessed and augmented the image data using techniques like resizing, cropping, and flipping to improve custom model's performance.
- Trained the model using a transfer learning approach with the EfficientNetB0 architecture and the sparse-cross-entropy loss function.Fine Tuned the model using early stopping to prevent overfitting, unfreezed last 5 layers from the pretrained model and adjusting learning rate.
- Created a web application using Streamlit to allow users to upload food images and get predictions from the model.
- Built an RSNA Screening Mammography Breast Cancer Detection model using a transfer learning with Xception pretrained model. Breast 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

- Founded and managed a transportation business within the United States, governed by DOT regulations.
- Utilized third-party dispatching to find loads in real-time from the best negotiators in the market.
- Provided exceptional customer service by delivering goods on-time and maintaining communication with clients such as PAM, FedEx, UPS, Walmart, and others.
- Created YouTube videos to educate others on fixing trucks and maintaining them.

**Web Application Developer | Health Connective |** New Orleans, LA | Mar 2021 - May 2021

- Improved physicians portal to interact with patient's data as part of Auris project by Johnson & Johnson.
- Debugged existing flow and implemented 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 offer credit line options.
- Automated a service that would work with batch requests, resulting in recognition for improving workflow.
- Debugged services and collaborated with other departments to get their feedback and applied new changes in a timely manner.

## EDUCATION

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

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