

Todd Munyon

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Work Experience

Accenture / Verizon

Boston, MA

DATA SCIENTIST

11/2020 - 05/2022

- Analyzed and cleaned 10+ data-sets with upwards of 5M fields each using PostgreSQL and Pandas.
- Developed and tested 6 Supervised Learning models using PyTorch, Python's Sci-kit Learn, and Pandas libraries.
- Coordinated the deployment of the final model and provided data insights to the client through Tableau.
- Improved Verizon's cell site deployment target accuracy by 80%, refining budgeting and time allotments.

Bloom Institute of Technology

San Francisco, CA

DATA SCIENCE - TEACHING ASSISTANT

10/2019 - 08/2020

- Performed daily code reviews and QA, ensuring full functionality and completion of team's projects.
- Orchestrated daily meetings with individual team members for general code assessment and feedback reports.
- Directed daily team stand-up meetings for progress briefings to enforce Agile development practices on students.

Greentique Hotels

Costa Rica

DIGITAL MARKETING SUPERVISOR

07/2017 - 08/2019

- Collected and cleaned hotel chain's business data to produce viable leads for sales team.
- Built hotel chain's online presence using React and NextJS to improve user experience and maintain traffic engagement.

Projects

MyDish

[Link](#)

VERSION-CONTROL COOKING APP BUILT IN REACT NATIVE, ALLOWING USERS TO QUICKLY MAKE AND SHARE CHANGES TO THEIR PERSONAL RECIPES.

02 - 04/2020

- Built an Image Parsing API in Python using Google Vision OCR capable of extracting full cookbook recipes from a photo.
- Enhanced API with RegEx and NLP models to scan, interpret, and transform user recipe data for use on the front end.

PicMetric

[Link](#)

FLASK WEBAPP BUILT IN **PYTHON** WHICH DISPLAYS CATEGORICAL INFORMATION ON THE USER'S UPLOADED PHOTO USING A NEURAL NETWORK TRAINED ON 24,000 IMAGES.

11/2019

- Pickled a pre-trained Resnet50 Convolutional Neural Network specializing in object detection
- Deployed model using Flask with API with endpoints interfacing between the front-end, the model, and the PostgreSQL database.

Skills

Language: Native English and Spanish

Data Science: Data Wrangling, Machine Learning, Computer Vision, Predictive Modeling,
Natural Language Processing, Data Visualizations, Neural Networks

Data Engineering: API Deployment and Integration, SQL, Tableau, Web Scraping

Computer Science: OOP, Data Structures, Algorithms, Hashtables, Graphs, Computer Architecture, Unit Testing

Tech Stack: Python, C++, Pandas, Flask, Keras, PyTorch, TensorFlow, Scikit-learn, NumPy, SciPy,
NoSQL, MongoDB, PostgreSQL, AWS, PyPlot, Seaborn, Matplotlib, XGBoost, Tableau

Education

Data Science - Graduate

San Francisco, CA

BLOOM INSTITUTE OF TECHNOLOGY

08/2019 - 08/2020