

Benjamin Becze

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PROFICIENCIES

- AWS cloud computing with EC2, EMR, S3 and Azure databases
- Machine Learning: decision trees, ID3 decision trees, logistic regression, perceptron algorithms, and boosting algorithms
- Deep Learning: CNNs, LSTMs, RNNs, GNNs
- Data Types: Time Series, Graph, geospatial
- Data visualization techniques
- GitHub and version control

SKILLS

PYTHON | SQL | EXCEL | PANDAS | TABLEAU | PYTORCH | ALTAIR | AZURE | DASK | R | GITHUB | JAVA
| ARCGIS | WEB APIS | JMP | AWS

EDUCATION

UC San Diego | Data Science major | Cognitive Science Minor

- B.S. in Data Science with minor in Cognitive Science

EXPERIENCE

Data Analytics/Data Science Consulting

December 2021 - Ongoing

VSNew | Remote

Provided data analytics and data science related services to VSNew. Typically involves cleaning, shaping, and extracting useful information and providing insights from time series data with proper data science practices and methods. An example workflow would be queries to an AWS database, then working with data using python data science and machine learning packages including pandas, sklearn, pytorch etc., and delivering insights with different plots and graphics or python scripts with either functional or analytical use.

Lifeguard

April 2017 - November 2020

Palomar Family YMCA | Escondido, CA

Projects

Graph Neural Network Based Spotify Recommender | Remote

September 2021 – March 2022

- Collaboration with peers Shone Patil and Jiayun Wang to use deep learning methods on graph data to create a recommender for personalized song playlists with Spotify data.
- Website: <https://shonepatil.github.io/GNN-Spotify-Recommender-Website/>
- Report: <https://drive.google.com/file/d/1AWSRZxtrkEssVRI34V5YTdRHZMGPGxVk/view?usp=sharing>

UC San Diego 2020 COVID-19 Data Challenge in Border Communities | Remote

July 2020 - September 2020

- Used web data to determine risk factors for school openings in San Diego.
- GitHub Repository: <https://github.com/renaldyh27/COVID-Cool-for-School>
- Story-Board: <https://storymaps.arcgis.com/stories/aacead0a241947cda83199336118087a>