Jared Keil
Data Scientist

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Skills	**Programming**: Python, SQL, C++, Javascript **Data Pipelines**: Wrangling, Cleaning, Storage, EDA, Visualization **Machine Learning**: Regression, Trees, Gradient Boosting, Neural Networks
Projects	**Sourcing Sound /** Sound Classification with Convolutional NN Using Python/Tensorflow, successfully exceeded metrics for the benchmark audio dataset UrbanSound 8k. Bundled model and audio processing into a webapp, and deployed via AWS. **Wiki-Video Generator /** Making Wikipedia More Accessible *With 110 Data-* automated script to turn top Wikipedia articles into slideshow videos. Included AI voice-over, web-scraping related images, calling Youtube API, and cloud-computing. **March Madness Dashboard /** Predicting Winners *With 110 Data* - built an interactive Tableau dashboard, displaying key team statistics and matchup predictions. Compared multiple models, and web-scraped team logos colors. **Who Gets Help? /** Mental Health Services in the U.S. Analyzed messy survey data from nation-wide facilities, using NumPy/Pandas/Matplotlib, in order to estimate the significance of differences in services provided to at-risk demographics.
Experience	**110 Data, LLC /** Data Scientist MARCH 2020 - PRESENT, REMOTE (HQ: KANSAS CITY, MO) Design data models and software automation solutions. Select projects listed above. **Berkshire Hathaway Homestate Co. /** First Report Specialist MARCH 2019 - NOVEMBER 2019, SAN FRANCISCO, CA Reduced intake time of insurance claims, saving $14K in operational costs. Exceeded performance goals by 70%, led team in claim setup, increased productivity to all-time high. **Music Reports /** Research Assistant AUGUST 2016 - MARCH 2019, WOODLAND HILLS, CA Collaborated on SAAS music-royalties product for TV industry clients, creating $1.6M/year in savings.
Education	**Galvanize Data Science Immersive** DECEMBER 2019 - MARCH 2020, SAN FRANCISCO, CA 700+ hour data science immersive training program covering core data science areas and skills, including probability and statistics, databases, machine learning algorithms, and data visualization. Case studies: Recommender System, Fraud Detection, Price Forecasting, NLP Pipeline. **University of California, Los Angeles** / BA, Ethnomusicology SEPTEMBER 2011 - JUNE 2015, LOS ANGELES, CA
Awards	Nasa Space Apps 2020: **Global Nominee** - Project: *Fire Detection For School Evacuations*