

Julian M. Lehrer

707-490-9354 | julianlehrer.me | jmlehrer@ucsc.edu

EDUCATION	University of California, Santa Cruz <i>Fall 2018 - Spring 2021 (expected)</i> B.A. Computer Science, Minor in Computational Mathematics
EXPERIENCE	Data Science Intern <i>Blackthorn Therapeutics — San Francisco, CA</i> <i>Summer 2020</i> <ul style="list-style-type: none">• Used statistical modeling to research the effects of isolation on depression and anxiety• Wrote interpretable models in Python (scikit-learn) to be used in future clinical analysis• Generated a research report and presentation for the company Data Science Intern <i>Startup Genome — San Francisco, CA</i> <i>Spring 2020</i> <ul style="list-style-type: none">• Created deep learning model with Python (Pandas, Keras, NLTK) to classify startup sectors from funding data• Wrote data engineering pipeline to generate and visualize funding metrics for clients
PROJECTS	Project Portfolio https://github.com/jlehrer1/Projects Transparency Project (1st Place CruzHacks 2020) <ul style="list-style-type: none">• A fully interactive website that brings clarity to the political process through interactive data visualizations. Build with Plot.ly and Dash, and hosted live on GCloud. InstantEDA <ul style="list-style-type: none">• Python package to instantly generate common exploratory data plots without cleaning your DataFrame• Built with Pandas, Numpy, and Plotly, published on PyPi DrivenData: DengueAI <ul style="list-style-type: none">• Used a combination of engineered lagged features and fourier models to achieve a top 11.8% score globally (so far) on the DrivenData Dengue fever prediction contest• Built with Pandas, Scikit-learn and Tensorflow
SKILLS	Programming: Python (scikit-learn, Pandas, Numpy, Tensorflow, Plotly), Swift, Java, C, C++, Matlab Theory: Statistical models, machine learning, deep learning, numerical optimization, numerical methods Software: AWS Elastic Beanstalk, AWS Lambda, Git, Bash