

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. Computational Mathematics, Minor in Computer Science Selected coursework: Multivariate Calculus I&II Proof Theory Algorithms & Abstract Data Types Discrete Mathematics Linear Algebra Probability Theory Machine Learning Statistical Models
SKILLS	Programming: Python (scikit-learn, pandas, numpy), Swift, Java, C, C++, Javascript Theory: Data structures, statistical models, numerical optimization Software: AWS Elastic Beanstalk, Git, Bash
PROJECTS	Project Portfolio https://github.com/jlehrer1 iOS Air Quality App <ul style="list-style-type: none">• Use Swift 4 and the OpenWeatherMap pollution API to retrieve air quality information at the user's location• Created a classification system from the weather.gov AQI to determine the level of caution that should be taken outdoors Personal Portfolio Website <ul style="list-style-type: none">• Used HTML, CSS, Bootstrap and JQuery to create my personal portfolio website• Created custom loading animations using CSS Company Sentiment using NLP <ul style="list-style-type: none">• Used the article titles from a Google News search fed through the Textblob NLP model to analyze public sentiment of a company Kaggle Titanic <ul style="list-style-type: none">• Achieved a top 10% score in the Kaggle competition using a gradient boosted tree classifier with a slowed learning rate
EXPERIENCE	Piscine Student <i>School 42 — Fremont, CA</i> <i>Summer 2018</i> <ul style="list-style-type: none">• Participated in the four week intensive C camp• Recreated essential functions from the C standard library• Held code review sessions Sales Associate <i>Little Apple Treats — Sebastopol, CA</i> <i>2008 — Fall 2019</i> <ul style="list-style-type: none">• Worked on the family farm since I was seven years old, both with plant starts, the greenhouses, and the food business• Managed the stall at the San Francisco Ferry Plaza Market, supervised loading and unloading the van, and provided service to customers throughout the day