

# Angelo Zorn

415-305-3354 • angelozorn2017@gmail.com

## EDUCATION

### **Dominican University of California, San Rafael, CA**

Master of Science in Business Analytics: Expected Graduation Date - August 2022

### **Occidental College, Los Angeles, CA**

Bachelor of Arts, Major: Mathematics, Minor: Economics, Graduation Date - May 2021

## RELEVANT SKILLS

**Financial Accounting** - balance sheets with inventory, income statements, and cash flows

**Econometrics** - revenue forecasting, regression analysis, and model assumptions

**Data Analysis** - creating analytic statistically driven models in python, R, Sas etc.

**Machine Learning** - python using tensorflow, pytorch to make classifications

## DATA PROJECTS

- Engineered a binary classification machine learning financial forecasting model using Python's Anaconda platform and its PyTorch libraries
- Described changes in activity levels in San Francisco throughout the pandemic (2020-2022) using tableau, and SF geospatial parking meter revenue data as an indicator variable for human activity
- Built Machine Learning Model incorporating the Spotify API to analyze different types of music and classify songs into their genre and sub-genre

## EXPERIENCE

### **Modeling Covid-19 Using Matlab, University of Missouri**

*Disease Modeling Intern*

May 2020 - August 2020

- Built SIR-style population model using Ordinary Differential Equations and Matlab
- Initiated meetings with Missouri health officials to retrieve real local Covid-19 data
- Updated progress and brainstormed with five professors at semi-weekly meetings
- Designed and presented exhibit for Society of Mathematical Biology's e-conference

### **McKay Brothers LLC/Quincy Extreme Data LLC, Oakland, CA**

*Network Analysis Intern*

June 2018 - August 2018

- Engineered python code to analyze the overall telecommunications network efficiency
- Learned the Linux Operating System and Secure Shell SSH remote clients
- Collaborated with Quincy engineers and computer scientists at daily meetings
- Presented analysis to fellow employees at the office and partnered company

## TECHNICAL SKILLS

- *Intermediate:* Excel, Linux, Python, Java, R, Matlab, Tableau, Machine Learning, APIs
- *Basic:* Mathematica, Stata, SAS, SQL, Latex, Lingo, Virtual Machines