

Angelo Zorn

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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

RELEVANT SKILLS

Problem Solving - logical, determined and optimizing mindset built by always seeking solutions

Data Structures - implemented fundamental data structures including AVL Trees coding in java

Math Modeling - leveraging big data, modeling, and programming into insight and analysis

Econometrics - ordinary least squares regression and other analysis methods using Stata

DATA PROJECTS

- Created a sabermetric, Wins Above Replacement (WAR) algorithm calculating the WAR of baseball players in the Southern California Intercollegiate Athletic Conference
- Engineered a binary classification machine learning financial forecasting model using Python's Anaconda platform and its PyTorch libraries
- Performed ordinary least squares regression using Stata and further empirical analysis on the individual factors that create differences in college tuition between schools

EXPERIENCE

Modeling Covid-19 Using Matlab, University of Missouri

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

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

Occidental College, Student Athlete

Baseball Player

August 2017 - May 2021

- Contributed to a successful team, managed unexpected challenges, obtained a steady work ethic emphasizing time management, and developed lifelong friendships

TECHNICAL SKILLS

- *Intermediate:* Excel, Linux, Python, Java, Matlab, Point of Sale Systems
- *Basic:* Mathematica, Stata, Latex, Lingo, Virtual Machines