Jose Luis Estrada

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Education

University of San Diego | Master of Science in Applied Data Science **[GPA: 3.93/4.0]** *Aug. 2022*
- Coursework: Text Mining, Cloud Computing, Data Engineering, Time Series Analysis, Data Science for Business, Machine Learning and Deep Learning, Predictive Modeling, Data Mining, Data Science Programming, Probability and Statistics

University of San Diego | Bachelor of Science/Bachelor of Arts in Industrial and Systems Engineering *May 2019*
- Study Abroad Programs: London, UK (2018), Hong Kong, CN (2019)

Professional Experience

University of San Diego | **Lecturer** | San Diego, CA *Jan. 2022 – Present*
- Developed 2 workshops to provide business case examples highlighting the benefits of using R and Python in data science
- Facilitated advanced hands-on R and Python workshops for 30+ data science students in the master's program
- Mentored 10+ students in creating action a plan for internship and entry job search in the data science field

LinkedIn | **Data Scientist Intern** | Sunnyvale, CA *May 2021 – Aug. 2021*
- Wrote efficient queries to identify customer's acquisition and spending behaviors from 100M+ records; used analysis to obtain buy-in for plan that established the department's marketing strategy baseline
- Identified marketing channels that convert the highest revenue per customer and provided management with recommendations for marketing strategy to acquire >500k new customers by FY23
- Analyzed customer acquisition funnel identifying system bottlenecks and comparing customer segmentations that increased understanding of constraint to contributed to line of business goal of 1% point decrease in YoY churn rate

Ciari Guitars | **Engineering Intern** | San Diego, CA *May 2019 – Aug. 2019*
- Researched and updated list of 50+ original equipment manufacturer (OEM) parts for beta version prototype by tabulating data on Excel for leadership to implement in existing part management system
- Reduced 4% of manufacturing costs by negotiating with 5 vendors to restock OEM parts for 25 prototype guitars
- Assisted the team to sell the first 100 Ciari Ascender guitars at the NAMM show through client engagement

Society of Hispanic Professional Engineers | **Programs Management Intern** | City of Industry, CA *Sept. 2018 – Jan. 2019*
- Assisted in building schedules for the national and 3 regional conferences with over 8k students and 2k Professional attendees, ensuring that the content would help the Hispanic community continue to develop in STEM
- Researched university engineering programs and spearheaded 4 partnerships providing our SHPE members additional benefits such as scholarships, and internships, reduced travel fees, etc.
- Collaborated with 7 key members to update list of active high school chapters around the country in order to ensure expand the funnel of opportunities for Hispanics in STEM degree

SDI Systems | **Engineering Intern** | Pacoima, CA *May 2018 – Aug. 2018*
- Created the sorting system assembly manual to standardize the process, maximize quality, and reduce lead time by reaching consensus with different stakeholders to mitigate delays in shipment and assembly
- Inspected sorting system defects at customer's distribution center to improve operations by 3%
- Restructured a Work Breakdown Structure (WBS) and defined the project's life cycle to identify the project timeline

Leadership Experience

Society of Hispanic Professional Engineers | **National Undergraduate Representative** *July 2016 - June 2017*
- Managed, as a member of Board of Directors, the SHPE National Strategic Plan, staff including CEO of the organization, $7M annual budget and over 12K members
- Provided guidance to the CEO hiring process, seven national committees, and the largest national Hispanic Science, Technology, Engineering, and Math (STEM) conference with 7K attendees
- Created the Community College Initiative to grow the number of Hispanic engineers in the workforce

Society of Hispanic Professional Engineers | **National Conference Community College Track Chair** *March 2018 – Nov. 2018*
- Created and managed a conference track committee that created the workshop's abstracts and that recruited the speakers
- Provided guidance on the development of 4 workshops for a total of 50+ community college participants
- Delivered status reports to the National Conference committee of the development and logistics of the program

Skills

Certifications: Six Sigma Green Belt
Technical Skills: SQL, Python, R, AWS, Tableau, Git, Statistics, Data Mining, Machine Learning
Languages: Spanish (Native), English (Fluent), Italian (Basic)