

Contact

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Top Skills

Public Speaking
R Studio
Statistics

Certifications

Bayesian Modeling with RJAGS Course
Statistical Thinking in Python (Part 2)
Intermediate Python for Data Science Course
Intro to Python for Data Science Course
Python Data Science Toolbox (Part 1) Course

Daniel Fields

Data Scientist at Pacific Life
Aliso Viejo, California

Summary

I am a driven, goal-oriented, hard working person who will give 110% to every challenge I undertake. I am happiest when using my numeracy skills to drive my passion for learning and optimization.

Experience

Pacific Life
10 months

Data Scientist
January 2020 - Present (3 months)
Newport Beach, CA

Facilitate machine learning analysis alongside a team of actuaries, with an attention to clustering and classification models. Create and maintain R Shiny dashboards and contribute to ongoing data-driven projects, and build upon actuarial models using recent advances in machine learning methods.

Data Analytics Intern
June 2019 - December 2019 (7 months)
Orange County, California Area

Apply data science disciplines to further reinforce the speed and quality of business decisions, through enhancing how the methods and ideollogy determine and visualize risk exposures.

At a high level, the tasks required by the position of this internship are to Help visualize risk exposure associated with a key business item; explore possible metrics (Key Risk Indicators) to monitor changes in said exposure, Explore data elements relevant to top operational risks to help identify possible metrics/ KRIs to measure exposure; create and leverage dashboards, and Explore business data elements to highlight potential threats or risk areas of focus.

UCSB Department of Computer Science
Data Science Tutor
September 2018 - June 2019 (10 months)
Isla Vista CA

Tutored data science methods and techniques to an interdisciplinary group of scholars looking to gain a stronger foundation in Data Science. Taught techniques of data science such as data cleaning, data visualization, and model creation as well as general philosophies and establishments of the data science community. Mainly, we helped students understand how to use python tools like numpy, pandas, matplotlib, SciKit Learn, and other popular Python packages for data science. Additionally, I contributed to the creation of course materials, administration of the course, and provided individual office hours for students to get personalized help during the Fall and Spring Quarter at UCSB.

Data Science at UCSB

1 year 10 months

Finance Officer

June 2018 - June 2019 (1 year 1 month)

Isla Vista, California

Working with a team of two other students, we conduct analysis, handle logistics, and make decisions about the club's available funds.

Officer of Operations

September 2017 - June 2018 (10 months)

Santa Barbara, California Area

As a team, operations ensure all logistical and planning issues are in check before we start educational events, coach experience-building workshops, and host industry collaborations.

University of California, Santa Barbara

Statistical Sciences Student

September 2015 - June 2019 (3 years 10 months)

Isla Vista, California

Statistical Sciences BS with a focus on applied statistics and data science. In my studies, I have learned statistical methods and theories like Probability Theory, Calculus based Mathematical Statistics and Estimators, Bayesian Statistical Methods, Nonparametric Statistical Methods, and many forms for Hypothesis testing.

In the focus of my major, I have Experience using R, Python, and SQL packages for data cleaning, data visualization, report generation, and data mining.

With data mining, I have experience using supervised and unsupervised learning methods such as Regression Analysis, Classification Algorithms,

Clustering Algorithms, Dimensionality Reduction, Principal Component Analysis, and Association Analysis.

InTouch Health

Metrics Analyst Intern

April 2018 - September 2018 (6 months)

Goleta, California

At InTouch Health, my role is to work with company executives and finance leaders to structure data of the company into tidy data to create metrics that will allow the company to gain greater transparency of the business processes, as well as to facilitate more accurate forecasting ability for investing purposes. At InTouch I work with RStudio, Microsoft Excel, SQL Relational Databases, and a suite of machine learning algorithms to gain insights from data.

Collegiate Networks

8 months

Data Science Ambassador

November 2017 - March 2018 (5 months)

Santa Barbara, California Area

Aided in the startup of Collegiate Networks, a student-run marketing consultancy that aimed at helping companies grow a more marketable presence in the college marketplace. My role was to design and create surveys that address specific aspects of a business within the college student market. Using RStudio, Python, Microsoft Excel, I used the survey's I made as data for the construction of metrics to deliver business intelligence to clients on how well they fit into the collegiate marketplace.

Network Ambassador

August 2017 - October 2017 (3 months)

Santa Barbara, California

Leverage a diverse network of campus ambassadors to gain feedback from the collegiate audience in order to drive quantifiable growth and actionable insights through the gain of primary expertise.

Wyzant

WyzAnt Tutor

June 2016 - September 2016 (4 months)

Aliso Viejo, California

Online and In-Person tutoring of math, chemistry, and physics for first year college students.

Kemper Sports
Lifeguard
2014 - 2014 (less than a year)

Education

University of California, Santa Barbara
Bachelor of Science (BS), Statistical Sciences · (2015 - 2019)