Contact

www.linkedin.com/in/dennisdt
(LinkedIn)

Top Skills

Python
Machine Learning
Data Mining

Languages

English (Native or Bilingual)
Vietnamese (Native or Bilingual)

Certifications

Machine Learning
SolidWorks Associate

Honors-Awards

Quest Scholar

Dennis Tran

Data Science | Machine Learning | Quantitative Finance
Orange County, California Area

Summary

I am a data scientist, passionate about data and motivated to develop promising data-driven applications revolutionizing the industry.

Experience

Thinkful
1 year 3 months

Data Science Specializations Immersion Instructor
January 2020 - Present (3 months)

Data Science Technical Expert
May 2019 - January 2020 (9 months)

• Responded to technical questions, provided guidance to resolving issues, and communicated complex topics in a concise manner

Data Science Mentor
January 2019 - January 2020 (1 year 1 month)
Santa Monica, CA

• Mentored aspiring data scientists by utilizing modern machine learning modeling techniques and technologies
• Covered important mathematical and statistical concepts

MelonLuchi LLC
Co-Founder
March 2018 - Present (2 years 1 month)
Orange County, California Area

• Fashion-forward décor for the home and garden. High-quality products at unbeatable prices.
Find us on Amazon!

Trilogy Education
Senior Tutor
February 2018 - Present (2 years 2 months)

• Aim to increase retention rate of students by solidifying knowledge taught in the data boot camp by providing constructive criticism, debugging homework assignments, and providing helpful insights to succeed beyond the classroom
• Offered various alternative methods to manipulating and storing data types such as lists, dictionaries, and dataframes for use in data preprocessing/ visualization

UC Irvine
Teaching Assistant
September 2017 - Present (2 years 7 months)
Irvine, CA

• Prepared students for success within the field of data focusing on technologies such as Python, API Interactions, SQL/NoSQL Databases, HTML, CSS, JavaScript (Plotly.js, D3.js, Leaflet.js), R, Tableau, Big Data, and Machine Learning
• Assisted with ensuring students understand the concepts through assignments and activities
• Mentored students to understand how to read, organize and visualize data

Method Data Science
Manager - Data Science
May 2018 - September 2019 (1 year 5 months)
Orange County, California Area

• Managed multiple data science team leads, led weekly meetings, generated progress reports for executives
• Consulted for numerous client projects such as banking, healthcare, insurance, and IOT technology
• Trained resident data scientists on essential practices in communicating and presenting data science solutions in a clear, effective manner

Orange County Data Science
Data Scientist
May 2017 - May 2018 (1 year 1 month)
Huntington Beach, CA

• Developed a prototype machine learning model for detecting fraud using client's user account data
• Navigated through high volume data to reduce feature size and extracted features corresponding to fraudulent activity
• Used statistical methods to normalize skewness of features

Doctor's Best
Product Analyst
April 2017 - July 2017 (4 months)
Irvine, CA

• Designed tools using customer data to support sales team with deciding products to promote
• Built reports for monthly analysis on new product performance for future implementation into Salesforce
• Extracted product data from the ERP system to forecast sales and drive business decisions

Einstein Assembly
Data Science Intern
August 2016 - January 2017 (6 months)
Irvine, CA

• Assisted in teaching students the fundamentals of data science in python and introducing important machine learning algorithms
• Added assignments for NumPy, Pandas, Data Visualization, Natural Language Processing, and Classification to the Data Science Bootcamp
• Web-scraped horseracing data for use in the Project Based Learning curriculum

USC Viterbi School of Engineering
Undergraduate Research Assistant
May 2015 - May 2016 (1 year 1 month)
Los Angeles, CA

• Designed and fabricated an adjustable, modular boundary layer in CAD for experimental use in the water channel
• Measured the interactions of a flow against different porous and permeable surfaces for possible drag reduction applications
• Implemented a flow visualization system using a dye injector to release fluorescent dye and utilizing UV technology for qualitative analysis

Calnetix Technologies
Manufacturing Engineer Intern
May 2013 - August 2013 (4 months)
Cerritos, CA

• Studied the process in which a stator is manufactured from start to finish
• Remodeled tools to be compatible with newer stator designs using SolidWorks

• Designed an extendable coiling table to improve efficiency in coiling the copper wires put into the stators as well as store all of the manufacturing supplies

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Education

University of Southern California
Bachelor of Science (B.S.), Mechanical Engineering · (2012 - 2016)

Udacity
Machine Learning Engineer Nanodegree · (2016 - 2017)