

Jasper M. Dong

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Education

University of California - Davis

Bachelor of Science in Statistics - Statistical Data Science Track

Minor in Geographic Information Systems

Honors: Dean's List (Fall 2021, Spring 2022, Fall 2022)

Activities: Davis Data Science Club

Relevant Coursework: Regression Analysis, Analysis of Variance, Statistical Data Science, Adv Stat Computing, Mathematical Statistics, Intro to Data Structures, Applied Stat for Bio Sci, Remote Sensing

Expected Graduation: June 2025

GPA: 3.803

Experience

General Member - Davis Data Science Club

October 2022 - Present

- Worked with peers on quarter-long projects involving data analysis and implementation of machine learning methods
- Gained exposure to the application of basic data science tools through participation in club workshops

District Delegate for Areas 1,2,3 - Interact 5160 District Council

July 2020- June 2021

- Established and maintained a connection between council and clubs, club presidents, Rotary Clubs, and faculty advisors through routine digital communication
- Hosted semesterly area-wide events promoting connection between clubs, service project, and District Council

Grader/Tutor - Kumon of West Dublin

November 2019- August 2021

- Assisted in teaching various levels of math and reading topics to K-12 students
- Efficient grading of homework and regular management of academic records

Projects

Climate Change Analysis - Davis Data Science Club

April 2023 - June 2023

- Worked with a team to explore dataset of global temperature patterns using pandas and numpy libraries
- Created visualizations using matplotlib and seaborn libraries, such as correlation plots and heatmaps
- Presented findings to convey purpose and methods to data science professionals and peers

DewDrop - Personal Project

June 2020 - August 2020

- Created business model for manufacturing company specializing in automated irrigation system designed for household plants
- Performed analytics to determine target market and financial projections based on predicted sales
- Presented final business plan and financial statements to business professionals and leaders

Skills

Programming Languages: Python, R, MATLAB, MySQL, HTML, CSS

Statistical Methods: EDA, Visualization, Model Diagnostics, Prediction, Classification, Validation, ANOVA

Software: QGIS, ArcGIS Pro, ENVI, Pix4D, Google Earth Engine, Tableau

Spoken Languages: English, Chinese (Mandarin), Japanese, Dutch