Jasper M. Dong

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Education

University of California - Davis   *Expected Graduation: June 2025*
Bachelor of Science in Statistics - Statistical Data Science Track   *GPA*: 3.822
Minor in Geographic Information Systems
Honors: Dean's List (Fall 2021, Spring 2022, Fall 2022)
Activities: Davis Data Science Club, HackDavis
Relevant Coursework: Statistical Data Science, Advanced Statistical Computing, Data & Web Technologies, Statistical Learning, Time Series Analysis, Mathematical Statistics, Discrete Mathematics, Introduction to GIS

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 several 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
- Consistent and efficient grading of homework and regular management of academic records

Projects

HouseCat - *HackDavis*   *April 2024*
- Worked with team to implement web-based database application in order to scrape and render online community housing postings into interactive user interface
- Worked on setting up Node.js and React.js frameworks to connect with MongoDB database
- Presented and demonstrated prototype to judges of fellow students and industry professionals

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 students and peers

Skills

Programming Languages: Python, R, MATLAB, SQL, HTML, CSS, JavaScript, LaTeX
Skills: EDA, Machine Learning, Full Stack Development, Database Management, Statistical Analysis
Software: QGIS, ArcGIS Pro, ENVI, Pix4D, Google Earth Engine, Tableau, MongoDB
Spoken Languages: English, Chinese (Mandarin), Japanese, Dutch