

FRANK DONG

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Education

University of California, Irvine	June 2023	B.S. Mathematics	B.S. Data Science	GPA 3.5
Georgetown University	June 2025	M.S. Data Science and Analysis		GPA 4.0

Experience

Research Assistant	Georgetown University	Dec 2023 – now
<ul style="list-style-type: none">Developed a hybrid model integrating Large Language Models (LLMs) with Latent Dirichlet Allocation (LDA) tailored for feedback analysis.Achieved a 10% to 50% reduction in online order processing time, with greater efficiencies realized in more complex decisions.		
Data Scientist	UCI & Accenture	Sep 2022 – July 2023
<ul style="list-style-type: none">Led a 4-person team to develop and implement predictive models for California energy consumption, improving forecast accuracy by 20%.Facilitating cross-departmental data integration and boosting data accessibility by 50%.		
Researcher	University of California, Irvine	Aug 2022 - July 2023
<ul style="list-style-type: none">Pioneered advanced analytical frameworks for child mental health studies, improving data-driven treatment strategies.Enhanced clinical data interpretation through NLP algorithm development, leading to more effective patient care protocols.Focused on the Individualized Dynamic Latent Factor Model, enhancing the quality and resolution of Mobile Health Data analysis by 40%.		
Teacher	Qingdao Runhe Interactive Network Technology Co., Ltd.	Jun 2021 – Aug 2021
<ul style="list-style-type: none">Instructed 120+ college students in Python, Java, and SQL, fostering significant skill enhancement.Established and maintained strong relationships with over 100 students, resulting a 30% higher teacher rating over average.Coordinated with supervisor to refine and improve the teaching process, conducted 2 new series courses.		

Skills and Technologies

- Language:** English (Fluent), Mandarin (Native), Japanese (Conversational), French (Basic).
- Programming Languages:** Python, Java, R, SQL.
- Visualization & Reporting:** Tableau, Excel.
- Machine Learning Frameworks:** Scikit-Learn, TensorFlow, PyTorch (Professional).
- Miscellaneous:** Linux command line, Git, LaTeX.

Interests

- Engaged in advancing research methodologies, passionate about sports (varied interests), enjoys the companionship of cats and dogs, and dedicates time to linguistic studies.