

Kevin Wang

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JUNIOR DATA SCIENTIST

Graduate data scientist with strong academic and professional background in statistics and machine learning looking for a position in data analysis, business analysis, or software development. Able to collaborate effectively with cross-functional teams and contribute to data-focused decision making. Passionate about leveraging data-driven approaches to tackle real-world challenges and drive impactful insights.

SKILLS

Python (Scikit-Learn, Pandas, Numpy)
R
SQL (MySQL, SQLite)
AWS (EC2, DynamoDB, S3)
Javascript
Apache Spark
Git
Microsoft Power BI
Tableau

Jupyter Notebook
Natural Language Processing (NLP)
Predictive Modeling
Extraction, Transformation, and Loading (ETL)
Data Visualization
Data Mining
Data Collection, Processing, and Cleaning
Hadoop
Large Language Models (LLMs)

PROFESSIONAL CERTIFICATIONS

Google Advanced Data Analytics	July, 2024
Reference: coursera.org/verify/professional-cert/RTNDUWVZL8Y8	
Google AI Essentials	July, 2024
Reference: coursera.org/verify/NGHJPZADKFEQ	
American Statistical Association Graduate Statistician (GStat) Accreditation	June, 2024
Reference: www2.amstat.org/accreditation/roster.cfm	
Microsoft Certified Power BI Data Analyst Associate	August, 2023
Reference: learn.microsoft.com/api/credentials/share/en-us/KevinWang-3222/4FF3FABC0900E0B6	

PROFESSIONAL EXPERIENCE

Daicus Technology	Berkeley, CA
Software Engineer	September, 2024 – Present
Performed various research and development tasks for AI-focused startup, contributing to client-facing development and growth.	
<ul style="list-style-type: none">- Researched large language models (LLMs) and natural language processing (NLP).- Developed full-stack web development skills by working on the company website, contributing to outward facing growth.- Demonstrated strong problem-solving skills by adapting to dynamic tasks in a fast-paced environment.	
Citizen Data	Washington, DC
Data Science Intern	June, 2021 – August, 2021
Built analytic tools for detailed political research and analysis at a precinct level using a database of millions of registered voters.	
<ul style="list-style-type: none">- Automated voter address mapping to precincts through SQL scripts.- Managed data operations such as cleaning, survey input, and analysis	

AT&T

San Ramon, CA

Technology Development Intern

June, 2019 – August, 2019

Developed a wireless network dashboard utilizing predictive modeling and data visualizations for operations teams

- Utilized Python to build ARIMA time-series analysis model and identify anomalous network activity and created graphical summaries with timestamp highlights.
- Conducted SQL queries on large-scale network production databases to train anomaly detection models.

Comyoot

Pittsburgh, PA

Data Science Intern

October, 2017 – March, 2018

Developed machine learning matching algorithms to enhance user matching on a mobile skill-sharing app.

- Performed data collection and analysis to enhance user experience.

Keio-NUS CUTE Center

Singapore

Machine Learning Research Intern

May, 2017 – August, 2017

github.com/wkevin1210/signalclassification

Researched and constructed machine learning models for a human-computer interaction project at the National University of Singapore.

- Created a dataset of noisy signals in Python for classification tasks.
- Developed supervised learning models achieving 90% accuracy in signal classification.

Yuanta-Polaris Financial Research Institute

Taipei, Taiwan

Research Intern

June, 2014 – August, 2014

Delivered report on global information communications technologies and their effects on national economies.

- Developed a thesis with a graphical presentation based on research.

EDUCATION

University of Southern California

Los Angeles, CA

Master of Science, Applied Data Science

January, 2021 – December, 2022

GPA: 3.67/4.0

Relevant Coursework: Data Mining, Databases, Data Engineering, Machine Learning, Data Analysis

Carnegie Mellon University

Pittsburgh, PA

Bachelor of Science, Statistics & Machine Learning

August, 2016 – May, 2020

Bachelor of Art, Creative Writing

GPA: 3.39/4.0; Dean's List: Fall 2018 (High Honors), Fall 2019

Relevant Coursework: Machine Learning, Statistical Analysis, Data Visualization, Predictive Modeling, Experimental Design, Advanced Regression

PROJECTS

Tableau Visualizations

May, 2024 – Present

public.tableau.com/app/profile/kevin.wang6045

Ongoing personal visualization projects analyzing interesting datasets and creating interactive dashboards.

- Cleaned and pre-processed datasets to for analysis and visualization
- Leveraged visualization skills to create aesthetically-pleasing and informative dashboards using Tableau

PROJECTS (cont.)

Sleigh 'n' Pray

December, 2024

github.com/wkevin1210/sleigh-and-pray

Developed a video game within one-week for a game jam using the Godot game engine and GDScript.

- Designed and implemented movement and physics systems.
- Collaborated with a small team using Git and GitHub for version control.

CarmaCam

June, 2021 – August, 2021

Developed a computer vision system to detect traffic violations for dashcam application.

- Applied YOLO computer vision algorithm using Python
- Built model to automatically detect vehicles illegally double parked from dashcam videos

Campus Survey

May, 2018

Conducted survey to assist Office of Student Leadership, Involvement, and Civic Engagement in better understanding student life on campus.

- Developed plan to sample over 300 students, passed through campus research review board
- Analyzed results to create recommendations on increasing student engagement