

Kevin Wang

wkevin1210.github.io

wkevin1210@gmail.com | (917)562-4969 | 6651 Kings Rd., San Ramon, CA, 94582

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, CSS, HTML, React
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 EXPERIENCE

Daicus Technology Software Engineer

Berkeley, CA

September, 2024 – Present

Performed various research and development tasks for AI-focused startup, contributing to client-facing development and growth.

- 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 Data Science Intern

Washington, DC

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.

- Automated voter address mapping to precincts through SQL scripts.
- Managed data operations such as cleaning, survey input, and analysis

AT&T Technology Development Intern

San Ramon, CA

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.

Comyooot**Data Science Intern**

Pittsburgh, PA

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**Machine Learning Research Intern**

Singapore

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**Research Intern**

Taipei, Taiwan

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**Master of Science, Applied Data Science**

Los Angeles, CA

January, 2021 – December, 2022

GPA: 3.67/4.0

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

Carnegie Mellon University**Bachelor of Science, Statistics & Machine Learning**

Pittsburgh, PA

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

Personal Portfolio

January, 2025

wkevin1210.github.io

Personal portfolio website showcasing skills, resume, and other projects.

- Designed and built using React, CSS, and HTML
- Deployed on GitHub Pages for easy accessibility

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

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