GAHN WUWONG

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OBJECTIVE

Undergraduate data science major with an interest in business analytics, bringing data science and statistical analytic skills. Looking for internship opportunities with data analytics.

PROJECTS

SOIL DATA PREDICTION FOR LARGE-SCALE INFRASTRUCTURE DESIGN

September - July | 2023 - 2024 | On Going
Current phase: Data collection and cleaning

- Utilize Gaussian processes and Bayesian optimization to predict soil profiles in untested regions.
- Create 3D map of predicted soil classes with uncertainties.
- Enable engineers to make better decisions and reduce the number of borehole drilling.

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE

August - September | 2023

- Wrangle data, graph plots, and create regression models to predict housing prices.
- Create a dynamic Python dashboard to monitor US domestic flight reliability.
- Predict loan defaults using machine learning algorithms.
- Train machine learning models to predict the reusability of the first stage of a rocket based on launch data.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO
BS in Data Science with Business Minor | 2022 - 2026

Cumulative GPA 3.97
Relevant coursework
   Python Programming
   Java Programming
   Data Structures and Algorithms
   Theoretical Foundations of Data Science
   Practice and Application of Data Science
   Calculus and Analytic Geometry
   Statistical Methods

INTERNATIONAL COMMUNITY SCHOOL BANGKOK

High School Diploma | 2016 - 2022

   Capstone Project – Develop Good Oral Hygiene for Children
   Vice President of Cancelling Cancers Club
   AP Calculus Award – Overall academic excellence
   Junior Varsity Badminton

SKILLS

- Pandas, Matplotlib, NumPy, BeautifulSoup, Seaborn, Scikit-Learn, Folium, Plotly, Dash, Pywaffle
- Python, R, SQL, Java, HTML, MATLAB
- Jupyter, VS Code, RStudio, Microsoft Office, G Suite