

GAHN WUWONG

CONTACT

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SKILLS

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

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Bachelor of science, major in data science | 2022 - 2026

Cumulative GPA: 3.97

Relevant coursework:

- Python Programming
- Basic Data Structures
- Theoretical Foundations of Data Science

INTERNATIONAL COMMUNITY SCHOOL BANGKOK

High school diploma | 2016 - 2022

PROJECTS

SOIL DATA PREDICTION FOR LARGE-SCALE INFRASTRUCTURE DESIGN

Estimated duration: 12 months, on going | 2023 - 2024

Current phase: data collection & cleaning

- Utilize Gaussian processes and Bayesian optimization to predict soil profiles in untested regions.
- Create a 3D map of predicted soil classes with its uncertainties.
- Enable engineers to make better decisions based on the predictions and reduce the budget for 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, report, and improve US domestic flight reliability.
- Apply machine learning classification algorithms to predict whether a loan case will be paid off or not.
- Train machine learning models to predict if a space launch can reuse the first stage of a rocket.