

# Kevin Diep

Honolulu, HI | [kevindieprk0@gmail.com](mailto:kevindieprk0@gmail.com) | [LinkedIn](#) | [Portfolio](#) | [Tableau](#)

## Skills

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Proficient:	Familiar with:
Python, Excel, Tableau	Command Line, R, SQL, Matlab, Machine Learning, BigQuery, LaTeX

## Work Experience

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**Data Engineer Intern** - W.M Keck Observatory HQ June 2021 - July 2021

- Developed a prototype Python script to automate the ETL process for 100+ astronomical image data files
- Generated data visuals comparing 1000+ measured and calculated values, detecting presence of bias within calculations
- Presented final product to an audience of 50+ including Keck staff and Akamai key figures

**Learning Assistant** - University of Hawaii Math Department August 2018 - Dec 2019

- Oversaw 200+ business student academic progress, providing feedback for improvement
- Bridged understanding between business and mathematical concepts with relatable storytelling

## Personal Project

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### Google Data Analytics Final Project: Bellabeat Case Study

- Datamined Fitbit data, prepared 6 deliverables, and recommended 4 app functionality improvement
- Identified core objectives, extracted raw data from Bigquery, cleaned and analyzed raw data using R and created accompanying visualizations

### Google Data Analytics Final Project: Identifying Trends in Popular Anime

- Investigated datascraped MyAnimeList data to identify trends in popular anime for a fictitious streaming service
- Defined metrics for anime popularity, cleaned and standardized data, detected anomalies within data, explained underlying cause of trends and displayed them using matplotlib visualizations
- Provided 5 insights on anime's popularity including a list of recommended genres, producers and studios with a history of quality anime.

### Personal TFT Profile Dashboard

- Build a Tableau Dashboard displaying personal player data over a 3 month period
- Extracted match history data using Riot API, performed data wrangling on complex features with Python and prepared for Tableau usage

## Education

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**University of Hawaii at Manoa**  
Bachelor of Science in Astrophysics & Mathematics

**Honolulu, HI 96822**  
*August 2017 - May 2021*

[Google Data Analytics Professional Certificate\(Coursera\)](#)

*June 2023*