

Matthew Yukio Salinero

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Data analysis professional pivoting from intellectual property law. 5+ years of experience in telling technical stories explaining complex systems in understandable language. Strategic thinker motivated by a curiosity about patterns in data and what they reveal. Strong cross-functional communicator able to collaborate at all technical levels.

Technical Skills

Data Cleaning, Data Visualization, SQL (PostgreSQL, BigQuery), Python, Pandas, R, Jupyter Notebook/Lab, Excel, Tableau

Highlighted Data Analysis Projects

full portfolio at mattsalinero.github.io

Keyboard Popularity Project *(Python, Pandas, SQL, Jupyter, web scraping/parsing, Git)*

Analysis of self-scraped data on limited-run mechanical keyboard components. Defined and tracked custom metrics and generated reports highlighting discovered insights.

Public Bikeshare Data Analysis *(Excel, SQL, Tableau)*

Analysis of open bikeshare data covering millions of rides to identify distinctions between the usage patterns of paying members and casual riders using a municipal bikeshare service.

Experience

Fenwick & West, LLP *(leading Silicon Valley-based technology law firm)*

Patent Agent (promoted from Patent Engineer) | 2015–Present

Conducted analysis of and drafted patents for technical inventions across a range of areas, including deep learning, online advertising, VR, autonomous vehicles, blockchain, and IoT. Translated highly technical invention disclosure data to publicly-digestible patent applications that clearly define and explain complex concepts.

Analyzed distinctions between invention and large volumes of prior art material in prosecution of hundreds of patent applications and litigation support projects.

Effectively communicated key technical points of inventions with inventors, attorneys, and U.S. Patent & Trademark Office in both formal communication and collaborative discussion, resulting in efficient prosecution of patents with broad scope.

Participated in pro-bono activities aiding low-income individuals with their tax returns (through Tax Aid) and the naturalization process (through the Immigration Institute of the Bay Area).

Education

UC San Diego

BS, *magna cum laude*, Electrical Engineering | June 2015

Machine learning concentration, economics minor

Google Data Analytics Certification

Online Certification (Coursera) | June 2021