Brandon Steinke

brandon.steinke@yahoo.com | 415-271-3377 | San Diego, California 92084 | US Citizen
LinkedIn: https://www.linkedin.com/in/brandon-steinke-2817ba | GitHub: https://github.com/BrandinO771
Tech Portfolio: https://brandino771.github.io

Enthusiastic data analyst eager to be a collaborative communicative team player, bringing agility, and adaptability with desire to learn and grow. Ready to utilize Python-Pandas-JavaScript-SQL for data pipelines, accessibility, automation, cleaning, joining, queries, optimization, analytics, and visualization. Not afraid to step into the unknown!

TECHNICAL SKILLS

Coding   -   Python, Pandas/Jupyter, JavaScript, Bash, GIT   (data visualization, data eval, cleaning, automation)
SQL/No SQL -   Postgres, SQLite, SQL Alchemy, MongoDB, JSON, API   (queries, triggers, tables, views)
Web Dev   -   D3, HTML, CSS, Bootstrap, Flask, Jinja, Leaflet   (web scraping, data viz, UI, database)

APPLICATIONS & PROJECTS

Global Economics Map | Link : https://global-econ.herokuapp.com/
- Collaborated with a small team to produce an interactive global map, web page displaying economic categories.
- Provided full stack development, ETL for GEOJSON w/ automated updating, created database & queries w/ flask API integration, front-end user control, JavaScript JSON pointers, map formatting by category & tooltip info.
- Technology Utilized : VS Code, JavaScript, HTML, Leaflet, D3, GEOJSON, Python Flask & Pandas, SQL Alchemy, SQLite, DB Browser

US Health Care Cost Compare | Link : https://github.com/BrandinO771/viper_proj_1
- Collaborated with small team to analyze healthcare costs across all hospitals in three states using Medicare data.
- With ETL, categorized, binned, merged, cleaned, organized data for statistical evaluation/visualization.
- Automated the visualization & statistical testing of null hypothesis for cost variance correlations.
- Technology Utilized : Python, Pandas, Jupyter Notebook : NumPy, Matplotlib

Project Zerb, The Video Game | Link : https://gamejolt.com/games/Project_Zerb/281415
- Full-time development, created a fully functional, single player retro PC game app. Created all code, graphics, audio, and game design. Developed optimized, modular, scripts for: user input, obj /enemy ai behavior & controllers, menus, sequenced events, analytics reporting.
- Technology Utilized : Unity 3D Engine, Mono Development, JavaScript 95%, C# 5%

EXPERIENCE

Seedbox Solution | Database ETL Developer - Contract   **04/2020 - 07/2020**
- Created relational database for inventory mgmt w/ one-page UI web interface, one click data reporting & upload.
- Wrote versatile Python ETL script for XML & CSV data sources, with upload & error log reporting.
- JavaScript implemented to listen, and process user HTML query requests to and from REST API.
- DB results dynamically output to formatted HTML tables, with CSV & PDF download options.
- User abilily to set custom report parameters in CSV to output DB batch CSV reports.

Independent Game Developer   **01/2012 - 04/2018**
- Created polished single player video game pc app with Unity 3D.
- As the sole developer on the project, gained experience with most facets of game app development.
- See link to game, above in Applications & Projects.
  Please see LinkedIn profile for my prior Union Bank work experience 2012-2001…

EDUCATION

- **Certificate of Completion | UCSD Extension, Trilogy: Data Visualization Bootcamp, San Diego, CA | Jan 2020**

- **Bachelor of Arts – Computer Animation | Academy of Art University, San Francisco, CA**