

# Brandon Steinke

[brandon.steinke@yahoo.com](mailto: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>

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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!

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## 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)

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## 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](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](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%

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## EXPERIENCE

**Seedbox Solution | Database ETL Developer - Contract**

**04/2020 - 07/2020**

Created relational database and single-page front-end web interface, for (client requested) one click data reporting and upload. Wrote versatile Python ETL script for XML & CSV data sources, with upload & error log reporting. JavaScript used to listen, and process user HTML query requests to and from REST API. DB data outputs in formatted HTML tables, with CSV & PDF download options. User can also set custom report parameters to output 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.

*Please see LinkedIn for my prior work experience*

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## EDUCATION

- **Certificate of Completion | UCSD Extension, Trilogy: Data Visualization Bootcamp, San Diego, CA | Jan 2020**  
Experience completing weekly front/back-end, solo & collaborative group projects. A+ for 24-week course.
- **BA, Traditional & Computer Arts | Academy of Art University, San Francisco, CA**