

Brandon Nguyen

SOFTWARE ENGINEER

Bran.nguyen1118@gmail.com

(408) 505-8290

[Linkedin.com/in/bran-nguyen](https://www.linkedin.com/in/bran-nguyen)

<https://github.com/nguyenbrandon101>

nguyenbrandon101.github.io

Education

University of California, Berkeley

Bachelor of Arts in Data Science (GPA:3.49)

Bachelor of Arts in Economics (GPA:3.49)

Berkeley, CA

Graduation Date: May 2022

Projects

Dino Game | JavaScript, CSS, HTML5

- ❖ Recreated the infamous google chrome dinosaur game that's displayed when the user clicks any button.
- ❖ Implemented features such as run and jump by calculating the pixels of the current screen.
- ❖ Created a scoring tracker that displays the current high score of the player while keeping track of the previous high score.

[Github](#)

San Jose, CA

To-do List | JavaScript, CSS, HTML5

- ❖ Developed an organized to-do extension that allows users to create their task for the day.
- ❖ Implemented a progression bar that is updated every time the user completes, adds, or deletes their task.
- ❖ Utilize the local storage in order to keep and display user's task when refreshed or exited out of the extension.
- ❖ Created features such as delete, edit, new day, and calendar to make the user's experience more efficient.

[Github](#)

San Jose, CA

Personal Portfolio | JavaScript, CSS, HTML5

- ❖ Developed a personal portfolio to display current projects and contact information.
- ❖ Worked with an email API to automatically send client's messages directly to my email inbox.
- ❖ Continuously updating and improving the design by refactoring older infrastructures and creating new ones.

[Github](#) | [Link](#)

San Jose, CA

Associations between Demo vs Repub | Python, NumPy, Pandas, Regex

- ❖ Constructed multiple hypothesis testing and casual inference using many ML techniques such as linear regression, logistic regression, inverse propensity weighting, Bonferroni Correction, and Benjamini-Hochberg Guide to determine correlation and association between money raised and net operations vs the candidate's party.
- ❖ Filtered and cleaned over 2,000 data inputs using NumPy, Pandas, and Regex also while controlling error rates in order to make sure the data is not biased.

[Notebook](#)

Berkeley, CA

Skills and Classes

- | | | | |
|--------------|---------|----------------------------------|----------------------------------|
| ❖ Python | ❖ React | ❖ SQL | ❖ Data Mining Analytics |
| ❖ JavaScript | ❖ HTML | ❖ R | ❖ Principles of Data Science |
| ❖ Java | ❖ CSS | ❖ Data Structures and Algorithms | ❖ Data, Inference, and Decisions |

Extra Curriculars

Data Science Society (DSS) – General Member

January 2020 – May 2020

- ❖ Learned essential Data Science techniques and tools such as Pandas and Numpy to conduct hypothesis testing.
- ❖ Built linear regression graphs to predict and prove association between variables and events.