# Brandon Nguyen
## SOFTWARE ENGINEER

Bran.nguyen1118@gmail.com
(408) 505-8290
Linkedin.com/in/bran-nguyen
https://github.com/nguyenbrandon101
nguyenbrandon101.github.io

## Education

**University of California, Berkeley**                                         *Berkeley, CA*
*Bachelor of Arts in Data Science (GPA:3.49)*                   *Graduation Date: May 2022*
*Bachelor of Arts in Economics (GPA:3.49)*

## Projects

**Netflix Clone** | *JavaScript, CSS, HTML5, React, Firebase*                 Github | Link
                                                                              San Jose, CA
- ❖ Recreated the front-end interface for the Netflix homepage, login page, and sign-up page.
- ❖ Fetched data from Themoviedb's API the to display and categorize each genre of movie into their specific location
- ❖ Incorporated Firebase to allow users to log into their Netflix account with protective authenticity.
- ❖ Created a Firestore database to keep track on users that signs-up/signs-in to the Netflix app and also tracks user's saved shows so that it can be displayed in their account page.

**To-do List , Weather App** | *JavaScript, CSS, HTML5, React*                Github | Link
                                                                              San Jose, CA
- ❖ Created features such as delete, edit, and reset to allow the user to modify their task. Also used react hooks to store and change current states of the application.
- ❖ Implemented a progression bar that is updated every time the user completes, adds, or deletes their task.
- ❖ Utilize the local storage to keep and display user's task when refreshed or exited out of the extension.
- ❖ Used a weather API to fetch specific weather data to display on the weather app portion.

**Personal Portfolio** | *JavaScript, CSS, HTML5, React*                      Github | Link
                                                                              San Jose, CA
- ❖ 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.

**Associations between Demo vs Repub** | *Python, NumPy, Pandas, Regex*       Notebook
                                                                              Berkeley, CA
- ❖ Constructed multiple hypothesis testing using many ML techniques such as linear regression, logistic regression, 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

## Skills and Classes

- ❖ Python
- ❖ JavaScript
- ❖ Java
- ❖ React
- ❖ HTML
- ❖ CSS
- ❖ SQL
- ❖ R
- ❖ Data Structures and Algorithms
- ❖ Data Mining Analytics
- ❖ Principles of Data Science
- ❖ 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.