

Travis Niño A. Reyes

PROJECTS

Gamify: Video Game Recommendation Web App

PYTHON • DJANGO • HTML • CSS • JS | JUN 2019 – PRESENT

- Built a video game recommendation engine using Python which yields a data frame of similar games based on specified game titles and correlation of their data.
- Taught myself Django and implemented a web framework for the recommendation engine which allows easier user interface and provides coherent data visualization.
- Implemented a feature which stores and utilizes the users' data input into a database to serve as a model to improve the recommendation engine.

Metacritic Video Game Data Web Crawler

PYTHON | MAY 2019 - JUN 2019

- Created a web crawler using Python to extract video game information such as product titles, genres, developers, release dates, and ratings from metacritic.com.
- Compiled more than 15,000 video game titles into a data frame.

Nutrition and Public Health Data Analysis

PYTHON • PANDAS • NUMPY | FEB 2019 – MAY 2019

- Analyzed a set of world nutrition and public health data of numerous countries to find observations and correlations concerning vaccination rates, mortality rates, health expenditures, and many more.

Movie Classifier

PYTHON • PANDAS • NUMPY | NOV 2019 - DEC 2018

- Built a K-nearest-neighbor classifier using Python that guesses whether a movie is an action or romance film based on similarities found on the movies' screenplay.

LEADERSHIP

Computer Science Representative | MAY 2019 - PRESENT

Pilipino Association of Scientists, Architects, & Engineers at UC Berkeley

- Head student facilitator and liaison for FASTERCON 2019, a \$10,000 national convention with over 500 attendants for Filipinos in Silicon Valley tech.
- Serve as a technical resource for club interns and organize company outreach.

Social Vice President | AUG 2018 – MAY 2019

UC Berkeley Residential Hall Association

- Lead and executed the planning and organization of all social events held in my hall association's resident hall.
- Collaborated with social vice presidents from different hall associations and coordinated larger social events such as a block party and a masquerade party.
- Served as a liaison for student residents in order to speak out to the association about the residents' concerns and suggestions.

Team Captain | JAN 2015 – MAY 2018

Oceana High School Varsity Tennis Team

- Assisted the coach with organizing the team's daily practices and provided help to junior varsity players with improving their tennis skills.
- Encouraged the team to always give their best effort during practices and matches, and maintained a positive and enthusiastic environment.

Club President | AUG 2016 – MAY 2018

Oceana High School Math Club

- Facilitated weekly math workshops to students of any year who needed extra help with understanding math course materials.
- Organized and planned club trips to attend various Math Tournaments.

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EDUCATION

University of California, Berkeley

B.A. Computer Science/Data Science (Double Major), 2022

Current GPA: 3.88

Relevant Courses:

- DATA8 | The Foundation of Data Science
- CS10 | The Beauty & Joy of Computer Science
- CS61A | Structure & Interpretation of Computer Programs
- CS61B | Data Structures*
- MATH1A | Calculus I
- MATH1B | Calculus II
- MATH54 | Linear Algebra & Differential Equations*

*In Progress

Oceana High School, Pacifica, CA

Diploma, 2018

GPA: 4.33

SKILLS

PROGRAMMING

Proficient in: Python

• Pandas • HTML • CSS

Familiar with: SQL • Scheme

• Django • Anaconda

• JavaScript • JQuery

• PyGame • Git

TOOLS/APPLICATIONS

Proficient in: Jupyter

Notebook • Microsoft Office

• Adobe Photoshop

Familiar with: GitHub

• Adobe XD • Adobe

Illustrator