

TRAVIS NINO A. REYES

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. Computer Science & B.A. Data Science, 2022

Relevant Courses: Data Structures, Machine Structures, Principles and Techniques of Data Science, Discrete Mathematics and Probability Theory, Artificial Intelligence (in progress), Computer Security (in progress)

PROJECTS

CARE-E: MOBILE HEALTHCARE CHATBOT ASSISTANT

Tools: Python, Java, TensorFlow, Flask, Firebase, Android Studio

- Developed an Android mobile chatbot assistant using Java and Android Studio to aid users with their healthcare needs
- Built and trained a chatbot using Python and implemented deep learning with TensorFlow
- Incorporated Firebase Authentication and Realtime Database to enable user authentication and store chat messages
- Designed a RESTful backend server using Flask to receive/send messages between Android app and Python chatbot

GAMIFY: VIDEO GAME RECOMMENDATION WEB APPLICATION

Tools: Python, Pandas, HTML, CSS, JavaScript, Django

- Built a web application using Python and Django that recommends different video game titles and information based on previous games played by the user
- Developed a web crawler that collected more than 15,000 video game titles and information from metacritic.com

NBA ALL-STAR PLAYER CLASSIFIER

Tools: Python, Pandas, Scikit-learn

- Built a model that accomplished a 98% accurate classification that determined whether an NBA player is an all-star player

GITLET

Tools: Java

- Built a slim version control system similar to Git that can track and commit files, create branches, and revert to previous saved versions

WORK EXPERIENCE

WEB DEVELOPER

September 2019 – August 2020

Department of Physics, UC Berkeley

- Developed conference websites for the Chair of UC Berkeley's Physics Department using WordPress, HTML, and CSS

UNDERGRADUATE COURSE TUTOR | DATA STRUCTURES

June 2020 – August 2020

Department of Electrical Engineering and Computer Science, UC Berkeley

- Delivered lectures on data structures and algorithms to a class of 30 UC Berkeley undergraduate students over the course of 8 weeks
- Prepared course materials such as lecture slides, live coding demos, and worksheet walkthrough videos

ORGANIZATIONS

PASAE EXTERNAL VICE PRESIDENT

August 2018 – Present

Pilipino Association of Scientists, Architects, and Engineers (PASAE), UC Berkeley

- Provided technical resources and mentorship to club interns and organized company outreach
- Improved and maintained the organization's official website

FASTERCON ORGANIZER

May 2019 – October 2019

Filipino Americans in Science, Technology, Engineering, and Arts

- Head student organizer and liaison for FASTERCON 2019 (an annual convention held at UC Berkeley with over 250 attendants for Filipino Americans in Science, Technology, Engineering, and Arts)
- Led 1-hour weekly meetings and delegated tasks and responsibilities to 5 different committees
- Contacted over 30 professionals and arranged preparation calls with speakers and workshop facilitators

TECHNICAL SKILLS

Proficient: Python, Java, JavaScript, C, RISC-V, SQL, HTML, CSS, Git, Pandas, Scikit-learn, WordPress

Familiar: Scheme, TensorFlow, Django, Node.js, Flask, Android Studio, Firebase, PyTorch, PyGame