David Paner

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WORK/VOLUNTEER EXPERIENCE

Hackingtons   Jun. 2019 – Aug. 2019
Instructor   *Dublin, CA*
- Taught daily web development classes of 10+ students using HTML, CSS, and JavaScript
- Taught basic game development classes of 10+ students using Python and Unity
- Organized learning resources and the classroom environment to facilitate a positive learning experience

Berkeley Engineers and Mentors   Sept. 2017 - Present
Site Leader and Curriculum Writer   *Berkeley, CA*
- Mentored 20 elementary/middle school students throughout Berkeley and Oakland through engaging project based science and engineering lessons in order to stimulate their interest in pursuing STEM careers
- Managed my team of 4 other college students by assigning different roles and providing feedback on any issues or strengths in their performances
- Designed lessons involving a wide range of STEM topics in a way for other mentors to effectively teach elementary/middle school students

St. Raymond Catholic Church   Oct. 2016 – Present
Piano Accompanist   *Dublin, CA*
- Provided musical accompaniment for children and adult choirs at rehearsals and live performances
- Worked individually with soloists in order to facilitate flawless performances of psalms
- Interpreted and personalized performances to accentuate worship during mass

SELECTED PROJECTS

Trivia Android Application
Java, XML
- Interactive quiz game with XML animations based on user's responses
- Uses Google's Volley library to pull questions and answers from an online T/F question bank API

Grocery Needs Android Application
Java, SQL, XML
- Intuitive shopping list app that prompts user for healthiness of items added in order to assist in decision making
- Uses SQLite for database management

Spotify Classifier
Python
- Classifier that generates Spotify playlists of recommended songs using other playlists as input
- Uses Pandas and Matplotlib for feature engineering and EDA, scikit-learn for K-Fold Cross Validation
- Uses a Random Forest Classifier to generate recommended songs playlists

EDUCATION

University of California, Berkeley   May, 2021
B.A. Data Science, Minor in Computer Science   *Berkeley, CA*

SKILLS

- Languages: Python, Java, SQL, HTML, CSS, JavaScript, XML
- Tools: Android Studio, Pandas, MatPlotLib, Git