dianacurtisdev@gmail.com
Anaheim, Ca

DIANA CURTIS

github.com/DianaCurtis
linkedin.com/in/diana-curtis/

Development Skills

Strong: JavaScript:ES5, jQuery, CSS3, HTML5, OOP, APIs, PHP, AJAX, SQL, MATLAB

Experience: React, Axios, Redux, Node.js, Bootstrap, Python, LaTex

Tools: Git, GitHub, Chrome Dev Tools, AWS, Agile Methods, Trello, MeisterTask, Babel, Slack

Applications Developed

Movie Funder – *A financial analysis tool for Film Producers* – GitHub | Live
- Backend developer who created endpoints with **PHP** in order retrieve data from **MySQL database**.
- Created **algorithm** in order to calculate cost to earnings ratio for potential films' earnings.
- Daily stand-ups and **MeisterTask** used to keep track of project developed with **Agile** methodology.
- Utilized **ReactJS** and **JSX** to give application functionality and display of data to the user.

Hackathon – *A mobile first app that quickly helps you find a new restaurant to eat* – GitHub | Live
- Create app through the use of **OOP** to properly organize code and keep **APIs** functionalities separated.
- Implemented **JavaScript** to create **AJAX** connections with 4 **APIs**.
- Utilized **HTML** and **CSS** to present restaurant details for a consistent and friendly user experience.
- Built the application in 2 days by implementing **Agile** methodologies.

Memory Match – *A Dwight Schrute Memory Match* – GitHub | Live
- Created the functionality of the game, through the use of **JavaScript** and **jQuery**.
- Utilized **HTML5** and **CSS3** to create framework of application.

Professional Experience

California State Polytechnic University – Lecturer, Pomona Ca. June 2017 **-** June 2018
- Designed and implemented lesson plans, quizzes, and exams for the mathematics courses: college algebra, trigonometry, business calculus and calculus.
- Provided students with a conceptual challenge to deepen their understanding of mathematics.
- Generated course material that promoted online software to increase students' knowledge of mathematics
- Accomplishments
    - Published in The Mathematical Scientist in Dec. 2017
    - Presented at the Joint Mathematical Meeting Conference Jan. 2018 in San Diego
    - Created a system of closed differential equations for a predator-prey model and utilized MATLAB to generate and display simulations of the model

California State Polytechnic University – G.T.A, Pomona Ca. Jan 2016 **-** June 2017
- Created and implemented lesson plans, quizzes, exams, and provided study sessions for basic algebra, pre-algebra, and intermediate algebra.
- Participated in two courses in order to learn how to utilize best practice teaching methodologies.

Education

California State Polytechnic University, Pomona – M.S. and B.S. in Applied Mathematics
LearningFuze Accelerated Web Development Program
- Dedicated 10-12 hours a day over 12 weeks on developing my programming skills.
- Built multiple applications in a team effort to simulate a real work environment by implementing agile methodologies and utilizing MeisterTask for development of applications.