David Ferro

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LinkedIn: https://www.linkedin.com/in/david-ferro-979152172/ | GitHub: https://github.com/davidferro91
Website: https://davidferro91.github.io/Bootstrap-Portfolio/index.html

SUMMARY

Full-stack Web Developer able to create a variety of web pages and programs with eleven years of logic-oriented and problem-solving experience from college coursework, teaching high school math, and coding bootcamp and is detail-oriented, ensuring projects are completed correctly, able to stay calm under pressure, and able to transform abstract, complicated topics into an understandable description.

TECHNICAL SKILLS

HTML, CSS, JavaScript, jQuery, Node.js, MongoDB, MySQL, Java (one semester in college)

PROJECTS

Night on the Town | https://github.com/davidferro91/GroupProject1   **Developer of Events**
https://davidferro91.github.io/GroupProject1/   **and JavaScript Synthesis**
Web-based application that is designed to provide the user with events, bars, and restaurants in any U.S. city of their choice for today or a future date.
- Researched and developed JavaScript to use the Seatgeek API to find events on the user-specified date.
- Analyzed the JavaScript from all four of the project developers and combined it together.
- Project uses HTML5, CSS, JavaScript, jQuery, Seatgeek, Yelp, Zomato, Zippopatum.us APIs, and Geolocation

GifTastic! Gif Generator | https://github.com/davidferro91/GifTastic   **Creator and Designer**
https://davidferro91.github.io/GifTastic/
Webpage designed to generate the user's desired GIFs using user-created buttons.
- Coded the JavaScript to create buttons from search bar.
- Investigated the Giphy API to generate both static and animated GIFs with user clicks.
- Project employs HTML, CSS, JavaScript, jQuery, and Giphy API

TriviaQ Trivia Game | https://github.com/davidferro91/TriviaGame   **Creator and Designer**
https://davidferro91.github.io/TriviaGame/
Timed trivia game with questions to test your knowledge in a variety of categories.
- Programmed the JavaScript to make timers for the questions and the displays of the correct answers.
- Explored CSS abilities to make highlighted answers without using buttons.
- Project utilizes HTML, CSS, JavaScript, jQuery, and intervals for timers

EXPERIENCE

High School Math Teacher — *Horizon Science Academy* — Cleveland, OH   **2012 – Present**
Instructed AP Calculus AP, Trigonometry, Statistics, Pre-Calculus, Algebra II, Geometry, and Algebra I over the course of my teaching career and implemented different technologies, such as Star Board, TI-84 calculators, document cameras, and web tools such as desmos.com and wolframalpha.com.
Key Accomplishments:
- Enacted student-teacher mentorship program with Case Western Reserve mathematics students through adjunct-lecturer appointment.
- Headed multiple graduation ceremonies by speaking as the Master of Ceremonies.
- Collaborated with peers and supervised grade chair meetings for both 11th and 12th grades.

EDUCATION

Case Western Reserve University, Cleveland, OH – Full Stack Web Development Bootcamp
Case Western Reserve University, Cleveland, OH – Bachelor of Arts in Mathematics and Education