

# 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>

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## 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.

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## TECHNICAL SKILLS

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

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## PROJECTS

**Night on the Town** | <https://github.com/davidferro91/GroupProject1>

**Developer of Events  
and JavaScript Synthesis**

<https://davidferro91.github.io/GroupProject1/>

*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, Zippopotam.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

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## 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 11<sup>th</sup> and 12<sup>th</sup> grades

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## 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