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## David E. Ferro

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**Education:** October 2018 – April 2019 CWRU Coding Bootcamp Cleveland, OH

- Full Stack Development focus
- Front End focuses: HTML, CSS, JavaScript
- Back End focuses: Node.js, MongoDB, MySQL
- Utilizing GitHub and Heroku for hosting websites

August 2008 – May 2012 Case Western Reserve Cleveland, OH

- Graduated Magna Cum Laude with a BA degree for a Mathematics major and Teacher Education major
- Took a course in Java Programming and earned an A
- Received ETS Recognition of Excellence on the Praxis Mathematics Content Knowledge test.
- Member of the Pi Mu Epsilon Mathematics Honors Society CWRU Chapter
- Member of the Case Western Teaching Program in conjunction with John Carroll University to receive Licensure at graduation

August 2006 – June 2008 Case Western Reserve Cleveland, OH

- Member of the Pre-College Scholars Program
- Took courses in Economics, Music, Psychology, and Political Science

January 2006 – May 2006 Cleveland State Univ. Cleveland, OH

- Took *Introduction to Psychology* through the Post-Secondary Enrollment Options Program as a freshman in high school and earned an A

## Work

**Experience:** August 2012 – Present Horizon Science Academy Cleveland, OH  
*High School Math Teacher*

- Taught AP Calculus AB, Algebra II, Geometry, and Algebra I, PreCalculus, Trigonometry/Differential Calculus, and Statistics
- Utilized technology in teaching, especially Star Board, TI-84 calculators, document camera, and mathematics websites such as desmos.com and wolframalpha.com
- Served as 11<sup>th</sup> Grade Chair in 2013-2014, and 12<sup>th</sup> Grade Chair from 2014-2018
- Served as Chess Club Teacher Advisor from 2015 to 2018
- Served on the Graduation Planning Committee and as Master of Ceremonies for the graduations of the senior classes from 2016 to 2018

**Work  
Experience  
(continued):**

Aug. 2015 – Dec. 2017      Case Western Reserve      Cleveland, OH  
*Master Teacher/Adjunct Lecturer for CWRU Teacher Education Program*

- Mentored teacher candidates in the CWRU Special Methods courses as they did observations, taught lessons (both mini-lessons and full-length lessons), and wrote reflective papers based on the classroom experience
- Met in monthly meetings with the teacher candidates, CWRU faculty, and Special Methods instructor in Reflective Triads where we discussed readings on teaching methods, techniques, and philosophy, as well as classroom observations and experiences, and the candidates' reflections

June 2012/13 – July 2012/13      Brush HS      South Euclid/Lyndhurst, OH  
*Summer School Teaching*

- Taught two semesters' worth of material for remedial Algebra II students
- Led daily 2.5 hour lessons for the classes so that the students would be able to receive the proper number of hours in order to complete the program in a month

August 2011 – May 2012      Magnificat HS      Rocky River, OH  
*Pre-Student/Student Teaching*

- Taught two AP Calculus AB classes and three Algebra I classes periodically from August through December and full-time from January through May
- Led a workshop during a faculty/staff in-service on creating presentations with the website Prezi
- Utilized Wikispaces and Smart Board technology within the classroom

Aug. 2010 – Dec. 2011      Case Western Reserve      Cleveland, OH  
*Calculus Supplemental Instructor*

- Served as a supplemental instructor for Calculus I and II for Business, Economics, Life Sciences, and Social Sciences
- Led multiple weekly tutoring sessions and weekly recitation sessions
- Administered and grades tests and quizzes

May 2010 – June 2010      John Hay HS via CWRU      Cleveland, OH  
*Robert Noyce Teaching Internship*

- Worked with high school students in an Algebra II and two Calculus classes
- Helped with leading lessons and test preparation
- Studied and observed under an experienced teacher

May 2009 – June 2009      John Hay HS via CWRU      Cleveland, OH  
*Robert Noyce Teaching Internship*

- Worked with high school students in Pre-Calculus classes
- Helped with leading lessons and test preparation
- Studied and observed under an experienced teacher

## References:

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