Alexandra (Allie) Mae Firebaugh

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Portfolio: https://amfirebaugh.github.io/Portfolio/

Summary: Full Stack Web Developer coming out of the University of Richmond Boot Camp with a background in Physics, Mathematics, and Teaching. Always seeking new knowledge, solving problems, and creating web applications that are user-friendly and efficient. Notorious for positive attitude and hardworking nature.

Technical Skills: JavaScript, HTML5, CSS3, Bootstrap, jQuery, AJAX, APIs, JSON, Github, Terminal, Firebase, Node.js, Microsoft Office

Projects

- Lost in Space | **Link:** https://amfirebaugh.github.io/fireballsproject1/
  An interactive and entertaining site on the Solar System and Star Wars for an audience of young children.
  Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, jQuery plugin, APIs, AJAX, Terminal, Github
- Crystal Collector | **Link:** https://amfirebaugh.github.io/unit-4-game/
  Client's goal with this game is to match their score to the target number by clicking gems with values, all randomly generated each round all while wins and losses display on the page.
  Technologies: HTML, CSS, JavaScript, jQuery, Terminal, Github
- Giphy Fun | **Link:** https://amfirebaugh.github.io/giphy-hw/
  Start and stop gifs are generated via buttons on this fun site that can also be personalized.
  Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, APIs, AJAX, Terminal, Github
- Let it Train | **Link:** https://amfirebaugh.github.io/Train-Scheduler/
  Create a train using an input form. Using Firebase, the train information is stored. Then, client's train and additional information appear in a table on this respondent site.
  Technologies: HTML, CSS, Bootstrap, JavaScript, jQuery, Firebase, Terminal, Github

Work Experience

Henrico County Public Schools, Henrico, VA
Science Teacher, August 2015 - June 2018
- Executed organized and methodical daily lesson plans to physics and oceanography classes.
- In collaboration with colleagues, enhanced older lab activities for increased engagement and content mastery from students.
- Mentored and inspired copious students to frequently work in groups, work to their fullest potential, follow their dreams, and to always keep learning.

Education

- University of Richmond, Richmond, VA
  Full Stack Web Development Bootcamp
- University of Phoenix, Online Campus
  Continuing Teacher Education Certification Courses
- Georgia Institute of Technology, Atlanta, GA
  Earned 9 credits towards a Doctor of Philosophy in Materials Science and Engineering
- Emory & Henry College, Emory, VA
  Bachelor of Science in Physics and Mathematics
  Bachelor of Arts in French: Language and Culture Studies