Jerrod Mathis

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Objective

To use my knowledge of software and web application development, and to grow that knowledge through real world experience.

Education

BACHELOR OF SCIENCE | WILL GRADUATE IN SPRING 2019 | UNIVERSITY OF SOUTH CAROLINA - COLUMBIA

· Major: Computer Science
· Application Area: Scientific Computing
· Related coursework: CSCE 145 and 146 (Introduction to Programming I and II), 240 (Software Engineering), 350 (Data Structures and Algorithms), 546 (Mobile Application Development)

Skills & Abilities

PROGRAMMING

· HTML/CSS: Projects that I have contributed to include: my personal website jerrodmathis.com, and the Michael Field Diaries. The website can be found at http://mf.dev-cdh.org/home and the code base at https://github.com/CDH-SC/mf.
· JavaScript: My experience has also grown through my experience working on the Michael Field Diaries.
· MEAN Stack: I have become familiar with the MEAN stack through my contribution to Michael Field.
· C++: My related coursework of CSCE 240 (Software Engineering) and CSCE 350 (Data Structures and Algorithms) have allowed me valuable experience in this language.

LEADERSHIP

· President of Campus Advance, Student Religious Organization at the University of South Carolina
· Technical Team Lead, Center for Digital Humanities

Experience

WEB DEVELOPER | CENTER FOR DIGITAL HUMANITIES (CDH) | AUGUST 2017 – PRESENT

· In this internship, I have been exposed to the MEAN stack and become very familiar with AngularJS and NodeJS. My responsibility on the project is front-end web development, but I also became familiar with the NoSQL database style through MongoDB. I have refined my skills in HTML/CSS and JavaScript in this internship and have sharpened my skill of effective communication.

WEB DEVELOPER INTERN| ETRAK | JUNE 2018 – MID-AUGUST 2018

· In this internship, my job was to take Adobe Flash components of their software and convert those components into HTML, CSS and JavaScript. I custom-made components such as buttons, textboxes, checkboxes, popup dialogs and tabs among others that were then used in the pages themselves. This allowed me to learn about JavaScript's Object-Oriented model and manipulation of those objects.