Marissa Wood 👩🏻‍💼

I'm a career switcher and Software Developer with a background in physics seeking new ways to solve problems and bring people together. My curiosity and competitive nature bolster my continuous pursuit of self-improvement.

Washington, DC

(703) 508-4991
marissa.espina@gmail.com
marissawood.github.io

EXPERIENCE

Full time Web Development Immersive Student
General Assembly, Washington DC

MAY 2018 - AUGUST 2018

Completed a 12-week, 500+ hour course to build fluency on full-stack web development with an emphasis on common best practices in object-oriented programming, MVC frameworks, RESTful APIs and project-based learning.

YS-Playlist— *a React desktop application that uses Spotify's web API to display audio data to help Yoga Sculpt Instructors build playlists for class.*

EATr— a *full-stack web application for reviewing menu items at restaurants built with MongoDB, Express, Handlebars and Node.*

Science Department Chair, Physics Teacher
KIPP DC College Preparatory, Washington, DC

JULY 2017 - MAY 2018

Created and taught challenging and engaging physics lessons to 108 11th grade students in a public charter high school.

Science Department Chair, Physics Teacher, Junior Class Sponsor
Tuscarora High School, Leesburg, VA

AUGUST 2013 - JUNE 2017

Led the science department in instructional innovations and methods to engage students in authentic, challenging work toward deeper learning of the curriculum.

Taught Physics and AP Physics C: Mechanics to 500 students over 4 years.

Managed a $36,000 budget to plan events for the junior class and greater school community.

Undergraduate Research Assistant
University of Virginia, Charlottesville, VA

AUGUST 2011 - MAY 2012

Analyzed and coded 200+ hours of video classroom science instruction from 47 school divisions for the Virginia Initiative in Science Teaching and Achievement (VISTA) project (US DOE I3 grant).

SKILLS

JavaScript

HTML5

CSS3

React.js

Express.js

Node.js

MongoDB

Python

Django

EDUCATION

General Assembly,
Washington, DC
Web Development Immersive Program

MAY 2018 - AUGUST 2018

Curry School of Education,
Charlottesville, VA
Master of Teaching

MAY 2012 - DECEMBER 2012

University of Virginia,
Charlottesville, VA
Bachelor of Arts, Physics

AUGUST 2008 - MAY 2012

OTHER ACTIVITIES

Yoga Sculpt Instructor
CorePower Yoga