

# Marissa Wood

I'm a Software Engineer 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.

## EXPERIENCE

### **General Assembly, Washington DC — Full time Web Development Immersive Student**

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, RESTful APIs, data modeling, and test-driven development.

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

**Selector** — a memory game themed around EDM producer, Rezz built with HTML5, CSS3 and JavaScript.

### **KIPP DC College Preparatory, Washington, DC — Science Department Chair, Physics Teacher**

JULY 2017 - MAY 2018

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

Provided leadership and coordination to the science department.

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

AUGUST 2013 - JUNE 2017

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.

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

### **University of Virginia, Charlottesville, VA — Undergraduate Research Assistant**

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).

Washington, DC

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## SKILLS

JavaScript

CSS3

HTML5

Express

Node.js

React

Python

Django

## EDUCATION

### **General Assembly, Washington, DC Web Development Immersive**

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