# Matthew Hardman

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[MatthewHardman.github.io/resume-portfolio](MatthewHardman.github.io/resume-portfolio)

Former high school physics teacher seeking a career in software engineering and development. With a background in Electrical Engineering and a love of learning, mentoring, and problem solving I believe I offer a valuable set of skills. Let me add my strong communication skills and innovative approach to problem solving to your team!

## Skills

Python (Django)

Html5

CSS3

JavaScript (React, jQuery)

Git

## Projects

https://github.com/MatthewHardman/graph_my_playlist

A full stack web application created with Python's Django framework.. Uses Spotify's Web API to retrieve and analyze user's playlists. Graphs created using d3.js. Styled with Bootstrap

## EXPERIENCE

### Hoover High and Homewood High School — *Teacher*

August 2015 - May 2022

Subjects taught: AP Physics, Physics, Physical Science, and Principles of Engineering. Robotics Team Advisor and Freshmen Boys Soccer Coach. STEM Team secondary faculty advisor and Physics Team primary faculty advisor. Taught Python as an introduction to programming in the Engineering course.

### Southern Company Services — *Research Engineer*

August 2014 - May 2015

Oversaw small scale deployment of variable capacitors on the supply side of distribution transformers.

### Burns & McDonnell — *Electrical Engineer*

June 2013 - August 2014

Designed substations and worked with field engineers to construct the designs. Facilitated projects between multiple design offices in Atlanta and Kansas City.

## Certifications

JavaScript Algorithms and Data Structures issued March 28, 2022 by freeCodeCamp.org

## EDUCATION

### The University of Alabama at Birmingham, Birmingham— *M.A. in Secondary Education*

GPA – 4.0

August 2016 - August 2018

### The University of Alabama, Tuscaloosa — *B.S. in Electrical and Computer Engineering*

August 2009 - May 2013

GPA – 3.6