



John David Walters

Software Engineer

Profile

Self-taught software engineer transitioning into tech after eleven years teaching math and science. Skilled in analytical thinking, written and oral communication, and leadership. Passionate about clean code, problem solving and collaboration.

Project Experience

edRemark

February 2022

A narrative comment generator web app for teachers to expedite the grading process. Users with an account can add, delete and edit their own inputs to the comment generator. Built with Python, Django, Bootstrap, SQLite and JavaScript.

Blockbuster Sim

December 2021

A web app that simulates going to a video store and finding some movies rented out. Fetches movie data from a third-party API. Built with HTML5, CSS, React, React-Router-DOM and Axios.

Greek Calculator

November 2021

A calculator app that can convert Arabic numbers to Ancient Greek number notation. Built with HTML5, CSS and JavaScript.

Relevant Work Experience

Department Chair at Crossroads School of Arts and Sciences, Los Angeles, CA

September 2017 — June 2021

- Developed and implemented a new integrated scope and sequence for the high school mathematics curriculum
- Facilitated the adoption of new tech-based workflows to improve budgeting, grading and student placements

STEM Teacher at Saddle River Day School, Saddle River, NJ

September 2013 — June 2017

- Implemented new tech tools in traditional math classes, including Scratch, Lego Robotics and EdPuzzle
- Implemented problem-based learning which included bringing in outside experts to consult and assigning projects with an authentic final product

Education

A.B., Princeton University

September 2005 — June 2009

- Graduated with Honors
- Award for Best Original Thesis by Religion Department

Details

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Links

[Portfolio](#)

[LinkedIn](#)

Skills

HTML5

CSS

JavaScript

React

Node.js

Express.js

Python

Django

Git

GitHub