Zach Retterath

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Portfolio: https://retterath-portfolio.herokuapp.com ● https://github.com/ztretterath

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As an educator, I required students to approach me with solutions. As a developer I require the same of myself.
I approach every situation knowing a solution exists and work relentlessly to expose it.

.... **TECHNICAL SKILLS**

LANGUAGES & FRAMEWORKS: JavaScript, AngularJS, jQuery, node.js, Express, Ruby on Rails
DATABASE/DBMS: MySql, PostgreSQL, MongoDB
MANAGEMENT & DEPLOYMENT: Git, Github, Command Line, Heroku, GitHub Pages
METHODOLOGIES: MVC Pattern, User Stories, Wireframing, Agile Development, Authentication

.... **TECHNICAL EXPERIENCE**

WEB DEVELOPMENT IMMERSIVE REMOTE, GENERAL ASSEMBLY, Online (Aug 2016–Nov 2016)
Full-stack web development program focused on common best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven development. Developed a portfolio of individually focused and collaboratively focused projects. Projects include:

- **NAME OF THRONES** - The application is built with the MEAN stack and demonstrates full CRUD functionality as users create characters, take notes, update and delete as they see fit.
- **WANDERLUSTER** - While interacting with the OpenWeatherMap API, this application uses a MEAN stack to display current weather information for cities around the world in order to track places a user visited and places to visit.
- **BOOK LIST** - Book List is a simple (looking) application, which uses Rails on the backend to provide an API for the front end that is served up with Angular for lightning fast CRUD functionality.

SPHEROS INSTRUCTOR, FOREST HILLS PUBLIC SCHOOLS, Grand Rapids, MI (February 2016–June 2016)
After-school volunteer instructor for coding with Spheros. Taught students basic principles and syntax of writing functions for a desired outcome as well as persevering in the face of adversity and (perceived) negative feedback.

.... **EDUCATION EXPERIENCE**

TEACHER, FOREST HILLS PUBLIC SCHOOLS, Grand Rapids, MI (Oct 2015–June 2016)
Taught core subjects in fifth grade and "advanced" language arts for sixth grade. Gathered student data to organize students based on their readiness level. Developed methods for inserting visual learning strategies in the classroom. Formulated technological lesson plans to enhance student learning and engagement.

.... **VOLUNTEERING/AFFILIATIONS**

HEAD COACH, ODYSSEY OF THE MIND, Kentwood, MI (Oct 2015–Present)

FOUNDER, POKEMON FAN CLUB, Kentwood, MI (Oct 2014–May 2015)

.... **EDUCATION**

GENERAL ASSEMBLY, Online (Aug 2016–Nov 2016)
Web Development Immersive Remote

MICHIGAN STATE UNIVERSITY, East Lansing, MI (Aug 2010–May/2014)
Bachelor of Arts - Education