Steve Emerson

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Objective:
Analytical problem-solver looking for a position where I can bring interesting web applications to life.

Education:
- **Eleven Fifty Academy, Web Development Immersive Learning Program**
  24 week immersive learning program for Web Development taught with industry-guided curriculum, real-world project-based learning, and 500+ hours of coding time and training
- **CompTIA Security+ Certification**
- **Masters in Education Technology** IUPUI, Indianapolis IN
- **Bachelors in Mathematics Education** Purdue University, West Lafayette IN

Competencies & Functional Skills:
Problem solving, troubleshooting, written communication, technical communication, cybersecurity fundamentals

Technical Skills:
Languages/Frameworks - JavaScript, Node.JS, React, TypeScript, Python, Java
Analytics Platform - Jupyter Notebook
Environments - Windows - Cmd, PowerShell   Linux - BASH
Version Control - Git
Databases - PostgreSQL Server
Web Technologies - HTML, CSS, Bootstrap, APIs, stateless components, session validation, Heroku, Firebase

Technical Projects:
LearnWithMe - Connecting teachers and students. **[Node, Express, React, PostgreSQL, TypeScript]**
Comix Database - Group project using the Comic VineAPI. **[Node, Express, React, PostgreSQL]**
Studio Ghibli Reference - People, creatures and locations from twenty films. **[HTML,CSS, JavaScript,Bootstrap]**
Historical Reference from the NY Times Archive - See what topics were hot in the news. **[HTML,CSS, JavaScript]**
Searching for Sums of Perfect Cubes - Searches for three perfect cubes that sum to a given integer. **[Python]**
Coffee Budget Analysis - How much does my family spend on coffee? **[Python,Jupyter Notebook,RegEx]**
Cryptographic Learning Tools - Used for teaching cybersecurity. **[Python]**

Professional Experience:
Computer Science Teacher Fishers High School, Fishers IN, August 2004 to June 2017
- Teach computer science courses including programming in JavaScript, Python and Java.
- Piloted a new Cybersecurity course.
- Led the growth of our computer science programs by over 200 students.

Mathematics Teacher, Fishers High School, Fishers IN, August 2004 to June 2017
Mathematics Teacher, Carmel Junior High School, Carmel IN, August 1998 to June 2004
Mathematics Teacher, Northwest High School, Indianapolis, IN, August 1996 to June 1998