**Jonathan Zachary**

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**Web Developer**

**SUMMARY**

Full-stack web developer with a passion for creative problem solving. 20+ years as a chess educator combined with a lifelong interest in coding have instilled in me both the skills it takes to engineer solutions with clean, maintainable code as well as a passion for communicating those solutions to a wide audience.

**SKILLS**

HTML, CSS, Javascript, jQuery, Node, Express, React, Ruby, Rails, PostgreSQL, R

### PROFESSIONAL EXPERIENCE

General Assembly - **Feb. 2017 - Present**

**Instructional Associate**

* Lectured on HTML/CSS/JavaScript as well as React, SQL, Node and general programming concepts
* Mentored students, managed student projects and helped tailor curriculum
* Provided logistic support for instructional team and liaised with instructor managers.

General Assembly - **Oct. 2016 - Jan. 2017**

**Web Development Immersive**

A Three month immersive teaching developers the fundamentals of full stack web development focused primarily on HTML, CSS, Javascript , React, Node, Express and Rails.

**projects**

* **BookNote:**  A platform agnostic persistent note taking app that keeps your notes in one place and arranged by text and page. Made with HTML,CSS,React and Firebase.
* **2018 World Chess Championship app:** Lets a user play through the games of the 2018 FIDE world chess championship. There is a board to play out the moves plus four information panels. It is written in React and styled with flexbox and is responsive.
* **Conway’s Game Of Life:** A vanilla javascript implementation of John Conway's game of life. The app is styled with css grid.

**Chess Instructor – New York, New York 1999 – Present**

* Chess consultant for two episodes of NBC's “Madam Secretary”
* Tailored lessons to skill level and client goals. High-profile students have included Kevin Klein and Don Imus
* Provided classroom instruction for various organizations including the August Aichorn Center, a residential treatment facility for underprivileged youth
* Led after-school chess programs, most recently at St. Luke's School in the West Village

**Chess Forum – New York, New York May 1999 – 2016**

***Store Manager***

* Responsible for the sales team at New York's premier chess retail and culture store
* Led staffing, training, bookkeeping, and event planning

**EDUCATION**

GeneralAssembly - 2017 Web Development Immersive

Reed College - Mathematics