

Ruhama Yared

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Skills

Languages - JavaScript, HTML, CSS, Python, SQL | **Libraries and Frameworks** - React, Node.js, Express.js, jQuery, Django

Database - MongoDB, Mongoose, Postgres | **Other** - Responsive Web Design, RESTful APIs, GitHub, Slack, Trello, VSCode

Projects

09/2022 - Present

Road Trip Buddy - Full-stack application that allows users to view, create, read, update, and delete road trip destinations.

- Contributed to the development of a MERN-based web application, adhering to project specifications and wireframes utilizing Github for version control and collaboration
- Utilized MongoDB, Express.js, React, and Node.js to build a scalable and modular application, incorporating a one-to-many data model
- Participated in Agile practices, including Scrum and Trello board tracking, and pair-programmed RESTful API routes to facilitate full CRUD functionality
- Engaged in effective team communication via Slack, contributing to the successful delivery of the project

Polynomials App - Full-stack application that allows users to view, create, read, update, and delete polynomials and user comments.

- Built RESTful API calls to an Express, MongoDB, Node.js backend, handling all CRUD operations and testing all backend routes during development using Postman
- Incorporated Mongoose to define schema for MongoDB collections, ensuring data integrity and consistency
- Leveraged Embedded JavaScript (EJS) and JavaScript methods and functions to create a RESTful API and fine-tune the functionality of the application
- Styled the application using HTML5 and CSS Flexbox layout, resulting in a visually pleasing and responsive design that adapts to different devices and screen sizes

What's there to Drink? - A web application that displays cocktail information for a fun night using The Cocktail DB API.

- Designed and developed a web application using Vanilla JavaScript, jQuery, CSS3, and HTML5 to organize and display the visual aspects of the application, resulting in an aesthetically pleasing and user-friendly interface
 - Applied wireframing and UI planning techniques, including mobile application and markup language, to create a clear and effective design for the application
 - Leveraged Git and GitHub throughout the development process, committing frequently and deploying the application
 - Executed JavaScript methods and functions to retrieve and manipulate data from a public API, resulting in an interactive user experience
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Professional Experience

Fairfax County Public Schools, Alexandria, VA | Mathematics Teacher

08/2021 - Present

Alexandria City Public Schools, Alexandria, VA | Mathematics Teacher

08/2019 - 06/2020

Nysmith School for the Gifted, Herndon, VA | Mathematics Teacher

08/2014 - 06/2017

- Coached and onboarded peers to new Learning Management Systems to integrate modern processes and optimize workflow efficiency
- Collaborated with cross-functional teams weekly to address collective challenges, and discussed and applied new research and technologies, resulting in a measurable rise in student engagement
- Curated over 100+ supplemental resources that met organizational and technical specifications and accessibility standards, resulting in increased student fluency and test scores
- Created and administered project-based formal assessments to evaluate learner progress and areas for growth, resulting in 100% pass rate for state standardized tests in 2021
- Communicated with stakeholders and provided weekly announcements through LMS, calls, and emails, resulting in improved parent and stakeholder engagement
- Implemented instructional design methods such as PADDIE, Inquiry Based, Backwards Design, and PBL, resulting in enhanced student learning and retention by over 50%
- Employed the use of Zoom and web applications to deliver virtual instruction to students for two years, ensuring a smooth transition to remote learning
- Transformed curriculum development and instructional design by incorporating technology, resulting in a streamlined, efficient process that aligned with organizational goals, as evidenced by a 25% reduction in planning time

Johns Hopkins Center for Talented Youth, Baltimore, MD | Math Instructor

03/2013 - 03/2014

- Created a comprehensive suite of web-based math courses, utilizing interactive whiteboard technology to deliver engaging instruction to 40+ students

- Developed over 25 course-related materials, revised assessments, and authored and managed documents in LaTeX for three math courses
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Education

General Assembly | Remote

Software Engineering Immersive

09/2022 - 04/2023

University of Virginia | Charlottesville, VA

Master of Public Policy

08/2017 - 05/2019

Goucher College | Baltimore, MD

Bachelor of Arts in Education, Mathematics

08/2009 - 05/2013