Joshua Katayev

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Education

Queens College, City University of New York, GPA: 3.79	Queens, NY
Bachelor of Arts in Computer Science	*Expected May 2024*

Honors and Awards: Dean's List Academic Excellence & Presidential Scholar Fall 2020 – Spring 2023

Projects

Fitness Tracker WebApp | *JavaScript, HTML, CSS* December 2022
[Live Preview](#) | [Code](#)
- Designed and developed a mobile facing webapp using vanilla JavaScript which allows users to track training sessions using both premade templates and user creatable/customizable ones
- Created web scraper to curate 200+ of the top movements from bodybuilding.com for use within custom templates along with providing instructions for each movement
- Utilized Firebase as a backend enabling users to store custom templates, allowing for efficient data storage

Sorting Algorithm Visualizer | *JavaScript, HTML, CSS* October 2022
[Live Preview](#) | [Code](#)
- Fully designed and created a vanilla JavaScript app which visualizes popular array sorting algorithms
- Implemented various sorting algorithms, including bubble sort, selection sort, merge sort, quick sort, and heap sort
- Enabled users to adjust the sorting speed dynamically in order to visualize the algorithm speed change in action to better understand how they work

Portfolio Website | *React, JavaScript, Tailwind* August 2022
[Live Preview](#) | [Code](#)
- Designed and developed a portfolio website that simulates the experience of using a bash terminal, complete with authentic-looking prompts to host full portfolio of projects and personal information

GitHub Now Playing | *JavaScript, Express* June 2023
[Code](#)
- Built an Express server with OAuth authentication for seamless login to Spotify and GitHub API's
- Implemented continuous integration to update the users GitHub status with their Spotify now playing

Professional Experience

Calculus Tutor September 2021 – Present
Ezra Academy Queens, NY
- Utilized various teaching techniques to effectively convey mathematical concepts to a diverse group of students
- Improved student understanding and performance, resulting in an average class grade point increase of 10 points by the end of their respective terms

Hebrew Language Teacher Aug 2019 - Mar 2020
CHAZAQ Offices Queens, NY
- Volunteered to teach a small group of 10 how to read and write in Hebrew using ACTFL standards
- Brought entire group up from ACTFL Novice to Intermediate level
- Taught basic grammatical concepts along with supplementing students with real world literature to improve modern Hebrew understanding

Technical Skills

Languages: JavaScript, HTML5, CSS3, Java, TSQL, C++
Developer Tools: Git, GitHub, Vite, Webpack, Firebase, Docker
Frameworks & Libraries: React, Node.js, Express.js, Jest, Tailwind CSS