

Jonathan Hoff

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EDUCATION

CLARK UNIVERSITY, Worcester, MA

Bachelor of Art in Computer Science, June 2022

- Coursework: Web Development, Mobile Software Development, Database Systems & Management, Artificial Intelligence, Algorithms, Data Structures
- Dean's List Spring 2020
- Founded Clark Choirs Livestream Project
- Active member of TIE, Center for Technological Innovation and Entrepreneurship

SKILLS

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| • Languages: Python, Java, JavaScript, SQL, HTML, CSS, Kotlin | • Applications: Wordpress, Webflow, OutSystems Service Studio, Figma, Photoshop, GitHub, Visual Studio Code |
| • Frameworks/Libraries: React, Bootstrap, Formik, Material-UI, Firebase, MongoDB | • Operating Systems: Windows, MacOS, Linux |

PROFESSIONAL EXPERIENCE

CODER DOJO, Worcester, MA

February 2020 – March 2020

Mentor

- Led and motivated 20 students in developing Scratch and Python games
- Encouraged students to ask questions and set goals
- Adapted course material according to each student's experience level

PROJECTS

Greater Worcester Landtrust Map, Interactive Hiking Map

February 2021 – Present

- Designed an intuitive and responsive interface with HTML, CSS, and JavaScript
- Tailored application to provide trail-specific information plainly and effectively
- Integrated Greater Worcester Landtrust's existing brand into updated interface

REDIS, Music Personalizer Application

December 2020 - Present

- Formulated a new way to experience Spotify's curated playlists
- Engineered a React web app to utilize the Spotify API
- Devised a personalization algorithm to construct a custom listening profile for each user
- Implemented OAuth 2.0 navigation with a JavaScript backend to sync with users' Spotify accounts

QUILTLY, Word-Linking Multiplayer Game

January 2021 - February 2021

- Managed a team of three in designing and deploying a React web app
- Established a Firebase backend to connect players
- Delegated weekly tasks based on team members' strengths and the project's goals

SCHOOLHOUSE, College Student Event Network

June 2020 – July 2020

- Created a social media platform for college students to promote campus events
- Developed a dynamic single-page application using React with a Firebase backend