

SHOSHANA BEER

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SKILLS

Languages: JavaScript, Python, HTML, CSS

Libraries/Frameworks: React, Redux, Tailwind, Bootstrap, NumPy, Next.js, Enzyme

Other Technologies: Git, Regex, JSON, RESTful APIs, Webpack, VS Code, GitHub, Jupyter Notebook

PROJECTS

TALKING IN CIRCLES, LANGUAGE LEARNING GAME

React, Redux, Git, Bootstrap, React Router

Created a responsive web app for language learning using React and deployed to GitHub Pages. Utilized Redux for effective state management and comprehensive user controls.

LEARNING DICTIONARIES, DICTIONARY PROCESSING TOOL

Python, Git, JSON, Python Libraries

Designed and developed a tool to create JSON dictionaries for different languages with frequency metadata. Leveraged various Python libraries to source data and published an extensive markdown README for ease of use.

REDDIT PURPLE, CHROME EXTENSION

React, Redux, Git, Regex, Bootstrap, Reddit API, Webpack

Collaborated with a partner to develop a tool to simplify Reddit posts using the unofficial Reddit API. Adapted the web app into React Chrome Extension and overcame many difficulties related to migrating to a browser environment.

SONG SNAKE, SPOTIFY PLAYLIST CREATION APP

React, Git, Spotify API

Integrated with the Spotify API to create a web app that creates unique Spotify playlists. Implemented Spotify OAuth 2.0 for user authentication following security protocols and deployed to Netlify.

EXPERIENCE

MAC TECHNICIAN, THE REPAIR FACTORY

2021 – 2022

Diagnosed and repaired software and hardware problems by sourcing and learning strategies independently. Managed inventory, time, and client expectations to boost client experience.

INSTRUCTIONAL DESIGN ASSISTANT, QUEEN'S FACULTY OF HEALTH SCIENCES

2020

Researched, organized, and edited learning material for publication to an online platform. Tested learning software, focusing on accessibility for people with physical and/or learning impairments and people using assistive technology.

VOLUNTEER MEDIC, MAGEN DAVID ADOM

2018

Worked on an ambulance for Israel's EMS program providing emergency medical care for five weeks in high-pressure situations. Collaborated with a team in a foreign environment overcoming a language barrier.

EDUCATION

FRONT-END ENGINEER CERTIFICATE, CODECADEMY

2023

BACHELOR OF EDUCATION – BIOLOGY AND PHYSICS, QUEEN'S UNIVERSITY

2021

BACHELOR OF SCIENCE (HONOURS) – MAJOR IN LIFE SCIENCE, QUEEN'S UNIVERSITY

2019