# SHOSHANA **BEER**

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## SKILLS

**Languages:** JavaScript, Python, HTML, CSS
**Libraries/Frameworks:** React, Redux, Tailwind, Bootstrap, Next.js, Enzyme, NumPy, Matplotlib
**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 arising from the migration 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**