ELON ROV
SOFTWARE ENGINEER

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SKILLS
React, Redux, JavaScript, Ruby, Rails, SQL, PostgreSQL, AWS, MongoDB, Express.js, Node.js, RSpec, Heroku, Git, HTML, CSS, Swift, Obj-C, C++, Adobe Photoshop

PROJECTS

Large | *a pixel-perfect clone of the story sharing site 'Medium'*   **live | github**
[Ruby on Rails, React/Redux, AWS, and CSS]
- Implemented both back- and front-end user authentication, including client-side validations on custom React modal to prevent excessive AJAX requests and BCrypt-ed password storage on the backend.
- Leveraged Redux data architecture with React components to display stories on home page, user profile, & edit form, attaching other relevant data points based on user location, i.e. author name, responses, and AWS-stored images.
- Achieved sleek, compelling interface using CSS grid manipulation, flexboxes, and sticky scroll displays.

Dinder | *a group decision making app that answers: where should we get dinner tonight?*   **live | github**
[MongoDb, Express, React, and Node.js]
- Spearheaded team of four engineers through end-to-end design process, including execution and evaluation; delegated responsibilities, prioritized MVPs, and managed group Git workflow.
- Utilized custom Express route with Axios request to Yelp API to retrieve dynamic restaurant data based on user input.
- Incorporated Nodemailer.js module to send tailored emails configured with custom mail options that include unique session link, user verification code, attachments, and styling.

Gottacelli Botticelli | *an art-history inspired game based on the painting "Primavera" by Botticelli*   **live | github**
[JavaScript, HTML, Canvas, and CSS]
- Executed collision logic, audial user feedback, live 'health' bar, and high score counter using Object-Oriented design
- Achieved realistic flight and movement using key event handlers, dynamic image sourcing, and JavaScript's requestAnimationFrame API.
- Layered multiple canvas and other HTML elements to achieve cohesion between static and dynamic components

EXPERIENCE

Medidata | Applications Engineering Intern   June - September 2020
- Implemented diagnostics feature for the Medidata Patient Cloud iOS app that tracks and reports a trace of app-level user activity to help diagnose bugs and client-side errors.
- Used Swift UIKit, Obj-C, and C++ to design and build the back & front end of four unique user interfaces.
- Learned how to learn on the job, ask questions, communicate effectively, and be part of an agile engineering team.

TodayTix | Accounts Associate   April 2018 - November 2019
- Worked with producers to list and market regional theatrical productions for sale on mobile ticketing application.
- Collaborated with the engineering team to identify and improve pain points on internal product platforms.
- Trained new hires on all workflows, including show-building on a custom internal platform, invoicing, creating seating charts, and designing listing assets on Photoshop.

Avodah | Program and Community Engagement Assistant   January 2017 - May 2019
- Provided educational, logistical, and financial support to ensure smooth running of young adult service corps program.
- Managed the recruitment, onboarding, and orientation of 25 annual program participants.

The Natan Fund | Operations Associate   August 2015 - October 2016
- Responsible for administration, events, data tracking, vendor relations, invoice processing, and operational systems.

EDUCATION
University of California, Berkeley - *BS Psychology and American Studies, 2010-2014*
App Academy - 1000-hour immersive full-stack web development intensive with a less than 3% acceptance rate, *2020*

MISCELLANEOUS
Fluent in Hebrew
Co-founder of artisan Judaica shop "Shmutz + Bolts"
Best whistler I've ever met