BEN HSIEH
Software Engineer

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SKILLS: React & React Native, Redux, Ruby, Rails, Python, RSpec, JavaScript, TypeScript, Amazon Web Services, Mongoose, MongoDB, Node, Express, SQL, PostgreSQL, Firebase, HTML5, CSS3, Heroku, jQuery, Google Maps API, Adobe Photoshop, AdobeXd, Webpack, Git, GitHub

PROJECTS:

ROBERTHOOD   *Ruby on Rails, SQL, Postgres, React, Redux, News API, IEX Cloud API, Rechart API*   live | github

A financial app that enables real-time stock price search and displays the result in graphical form

- Used ES6 syntax to build scalable React JS components for splash and dashboard page. Structured ES6 functions so they may be portable in different React JS components.
- Set up new controllers for news and stocks and requested data from api/news#new, api/stocks#quote, and apistocks#chart
- Extended default styling and functionality of Recharts library with custom CSS to provide users with an accurate, informative, and intuitive UI for the quick consumption of stock-price data over time.
- Built a responsive app with CSS grid system and flexbox and fine-tuned several CSS effects on forms, buttons, search box, navbars, and list items, resulting in a more seamless and engaging navigation of the app.

NSTOCK   *MongoDB, Mongoose, Express, React, Redux, Node, React Google Maps*   live | github

An inventory app that uses toilet paper as initial proof of concept to allow users to submit stock report based on Google Map place IDs

- Collaborated with a team using a Git version control system where I was responsible for Google map customization and rendering.
- Refined React Google Map SearchBox to allow users to re-center map view and place markers based on search location, allowing users to explore different areas of the map by typing a distant location rather than dragging the map to that location.
- Implemented info window component with JavaScript click event listener to streamline users' report submission and evaluation.

RECIPES DB   *JavaScript, HTML, CSS, WebPack, EDAMAM API, Firebase DB*   live | github

A database app that can generate recipes from categories such as meals, breads, cakes, cocktails, or beers

- Used Adobe XD to wireframe the project structure and referenced it as a blueprint in building out the project.
- Configured EDAMAM API axios requests to return 100 recipes per search. Added slice method to display 10 results per page. Wrote create button functions that guide users to the previous or next page of search results based on a ternary logic.
- Employed CSS 3 to improve UX/UI layout. Devised a combination of CSS before and hover pseudo elements to create shiny effects on pointer hover. Integrated CSS keyframes to generate spinner while search data is loading and passed the spinner to the content page using DOM selectors.

EXPERIENCE:

Business Owner

New Fully Bakery, Inc.   Sept 2012 - Jan 2020

- Led a team of 5 members in design and manufacture of specialty cakes, cakes, breads, muffins and cookies to meet high-quality standard and timely deliveries.
- Interacted with various government agencies to ensure the store is 100% compliant.
- Coordinated deliveries of orders to various commercial customers across NY, NJ, VA, IN, OH, and FL.
- Designed, configured, and hosted WordPress, Instagram, and Facebook websites for the store in order to increase online presence that resulted in overall revenue increase of over 10%.
- Added Hungry Panda and UberEats restaurant partner apps that optimized acceptance of online orders resulting in hundreds of additional orders.

EDUCATION:

AppAcademy - 2020 – 1000-hour coding school with an admissions rate below 3%, which emphasizes coding style, pair programming, and best practices.

University of Maryland at College Park – *MBA Information Systems, 2005-2007*

New York University – BS *finance, 1995-1998*