

Melody Yan

Front End Web Developer

Contact Information:

Phone: (408)209-6605
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Skills & Expertise:

Front End:

Javascript, React JS, HTML5, CSS3,
AJAX, JSON

Developer Tools:

Git and Github version control, NPM

Soft skills:

Good communication skill, team player

Education

The complete web developer in 2021
Zero to Mastery Academy

The Web Developer bootcamp
Course from Udemy

M.S. in Electrical Engineering
San Jose State University 2005

Other Information

US citizen
Reference available upon request

Web Developer Projects

RoboFriends ([see live](#), [source code](#))

This is a responsive web application using the React framework. Besides on React, it is also using the Robohash to get unique robot avatars and JSONPlaceholder APIs to create a series of contact cards for a list of ROBO friends. Tachyons CSS toolkit is used for quick styling. Another feature is the search box which dynamically filters the displayed contacts card based on the content entered in the search box.

Joke Teller ([see live](#), [source code](#))

inspired by the virtual assistants like siri, this project build a little cute robot to tell us a joke out loud when he is asked to. A joke API is called to get a random joke and the joke is passed to a text-to-speed API to tell user the joke. Responsive design and styling.

Infinite Scroll ([see live](#), [source code](#))

This project implemented infinite scroll functionality. When user scrolls near the bottom of the page, another network request is made. It happens before it reaches the bottom of the page, so the user will have seamless experience when loading photos. The photos are pictures fetched from unsplash API. Mobile responsive design.

Professional Experience

Senior ASIC Design verification engineer

AMD, 2007-2015

- Worked closely with design and micro-architecture team to develop the verification environment, test plan and coverage metrics from specifications.
- Developed block and chip-level tests, execute the test plans from start to finish
- Debug RTL and Gate simulations and work closely with designer and other team member to fix bug in a timely manner

Test engineer

Maxim Integrated Products, 2005-2007

Performed Wafer and packaged chip level testing including test plan, test case and programming ATE.