

COMP6080

Web Front-End Programming

Week 3

Building webpages with HTML, CSS, and JS

Demonstration lecture

This lecture is focused on combining a large number of concepts that have been taught in pre-recorded lectures and giving a practical demonstration of how they can tie together.

Also, watch this talk, it's great: [Wat talk](#)

Browser JS - Forms & Events

Let's build a simple form for a communication tool that:

- Says "Please invite your friends to join CSE" at the top
- Has a textarea with a welcome message. On blur, if the field is empty, colour the background red until valid.
- Has 2 inputs for emails addresses, with an "Add more" button at the end that populates more fields (2 at a time) until you reach 10 addresses
- Has a submit button that when clicked, provides a summary screen, before allowing the user to cancel or continue.

After completion, try and construct the page dynamically via Javascript

ReactJS - Complex Rendering & State

(optional)

Let's rebuild our vanilla JS form in ReactJS, except:

- Use conditional and loop rendering to improve code readability
- Has a submit button that when clicked, provides a summary screen, before allowing the user to cancel or continue.

Useful links:

- Conditional Rendering: <https://reactjs.org/docs/conditional-rendering.html>
- Rendering with loops: <https://flaviocopes.com/react-how-to-loop/>
- Forms in React: <https://reactjs.org/docs/forms.html>

Feedback

