

WORKSHOP

INTRODUCTION

Who is this guy?

My name is **Russ Weakley**. I've been working in the web since 1995.

I've worked in **a range of different disciplines:**

- Web Designer
- UX Designer
- UI Designer
- Front-End Developer

Most of **my focus these days** is on:

- Building large component libraries.
- Working with developers to help build accessible applications.

What you will need

To **take part**, you will need:

1. Text editor
2. Browser
3. Screen reader

If you are on Windows, you could download the free **NVDA screen reader**.

<https://www.nvaccess.org/download/>

If you are on OSX, you can use the native **VoiceOver screen reader**.

What will we cover?

HTML5

- **0201: HTML 5 Introduction**
- Exercise 1: Simplifying HTML
- Exercise 2: Changing an HTML page

- **0202: HTML 5 Structural elements**
- Exercise 3: Adding HTML5 structural

- **0203: HTML 5 New form elements**
- Exercise 4: Exploring HTML5 forms

Accessible forms

- **0301: Introduction to Accessibility**
- Exercise 01a: Using keyboard-only
- Exercise 01b: VoiceOver
- Exercise 01c: NVDA

- **0302: Accessible forms**
- Exercise 02: Using the `<label>`, `<fieldset>` and `<legend>` elements.

- **0303: Accessible form instructions**
- Exercise 03: Form Instructions

- **0304: Accessible required fields**
- Exercise 04: Required fields

- **0305: Accessible form errors**
- Exercise 5a: Inside the label
- Exercise 5b: Using aria-describedby
- Exercise 5c: Form error

- **0306: Accessible javascript**
- **0306: Accessible modals**
- **0306: Accessible dropdowns**
- **0306: Accessible autocomplete**

ARIA

- **0401: ARIA introduction**
- Exercise 1: Fixing a fake checkbox
- Exercise 2: Providing extra context for buttons

- **0402: ARIA roles**
- Exercise 3: Tab, tabpanel tablist
- Exercise 4: The radiogroup attribute
- Exercise 5: Presentation and None
- Exercise 6: Landmark roles
- Exercise 7: Alert and Status
- Exercise 8: Alertdialog

- **0403: ARIA states and properties**
- Exercise 9: Disabled, Invalid, Hidden
- Exercise 10: Live regions
- Exercise 11: Menubar