Mobile Web Development

Readings and Assignments
Week 4

Readings

Readings on JavaScript

- *A Re-Introduction to JavaScript.* A thorough introduction to JavaScript. This is really well written, and is aimed at clarifying JavaScript for programmers. Almost all the questions from next week's quiz are going to be from this article. 1 hour.
  https://developer.mozilla.org/en-US/docs/Web/JavaScript/A_re-introduction_to_JavaScript

- *The JavaScript Programming Language.* Douglas Crockford's introduction to JavaScript. This is an advanced discussion of the language. Crockford is famous for his book "JavaScript: The Good Parts". 1.5 hours.
  https://www.youtube.com/watch?v=v2ifWcnQs6M

- Please bring any questions to class.

Adobe Image Editing Tutorial

This is a good tutorial from Adobe on image editing skills. It uses the popular Photoshop, though the introductory skills described are very similar between Photoshop, Gimp, and other programs.

If you already knew the image editing tasks we did in class on Thursday, please skip this video. But if not, it's worth watching.

- *10 Things Beginners Want to Know How To Do.* 45 minutes.
  https://www.youtube.com/watch?v=w47hA7dosjY

Assignments

Assignment: Look at Jobs

- Browse web development jobs online. I suggest using one of LinkedIn, Hired, or StackOverflow. There are many other useful job-search web sites.
- Make a note of the client-side skills that employers are searching for. For example, which JavaScript libraries are most mentioned in the job postings? How often are responsive web design, Photoshop, or SASS mentioned?
- For web development jobs you find that you think you'd be interested in, what seem to be the one, two three key skills that employers are after?

Assignment: Look at Portfolios

- Browse web developer portfolios online. I've attached some great examples on the next few pages. There are thousands of web developer portfolios on the internet. Click around and find some that you think are cool.
- Look at a few of the portfolios that you like the most on your phone. How do they display on mobile? Are they responsive?
- Look at the content in each portfolio to get an idea of what people post. How do web developers show what they can do in a portfolio? Do they include non-programming interests? Do they link to blogs, articles, or code?

Assignment: Wireframe

- Consider what you should have on your portfolio to represent your work and abilities as a programmer.
- Organize this content into groups, to help create your site's navigation. How many pages do you think your site will need, if more than one?
- Using just a pen and paper, draw a wireframe of what you would like your portfolio site to look like. Make sure you include the site's navigation.

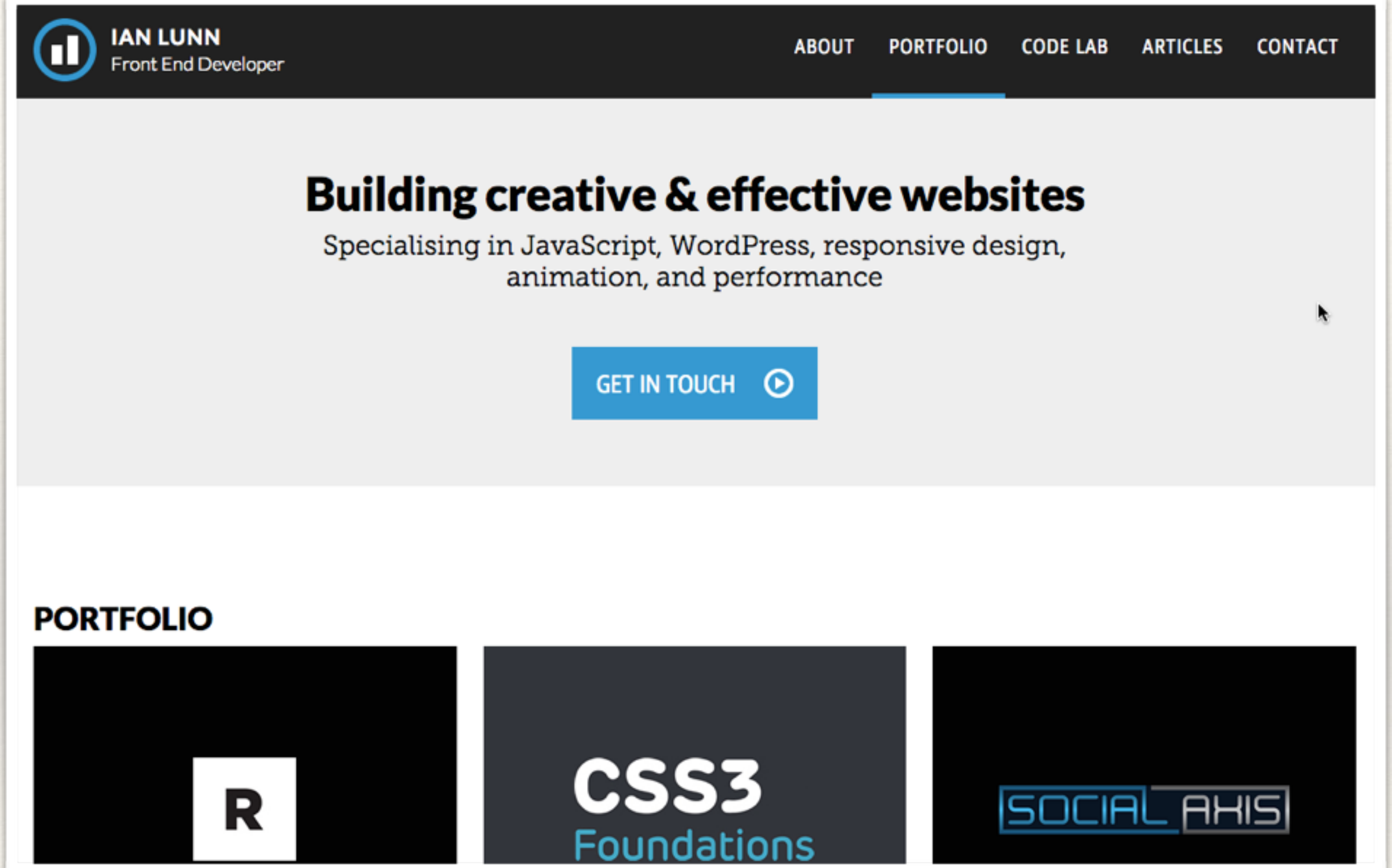
Assignment: Visual Design

- Using Illustrator, Photoshop, Gimp, or your preferred graphics program, create an image of a web page displaying a portfolio of your work.

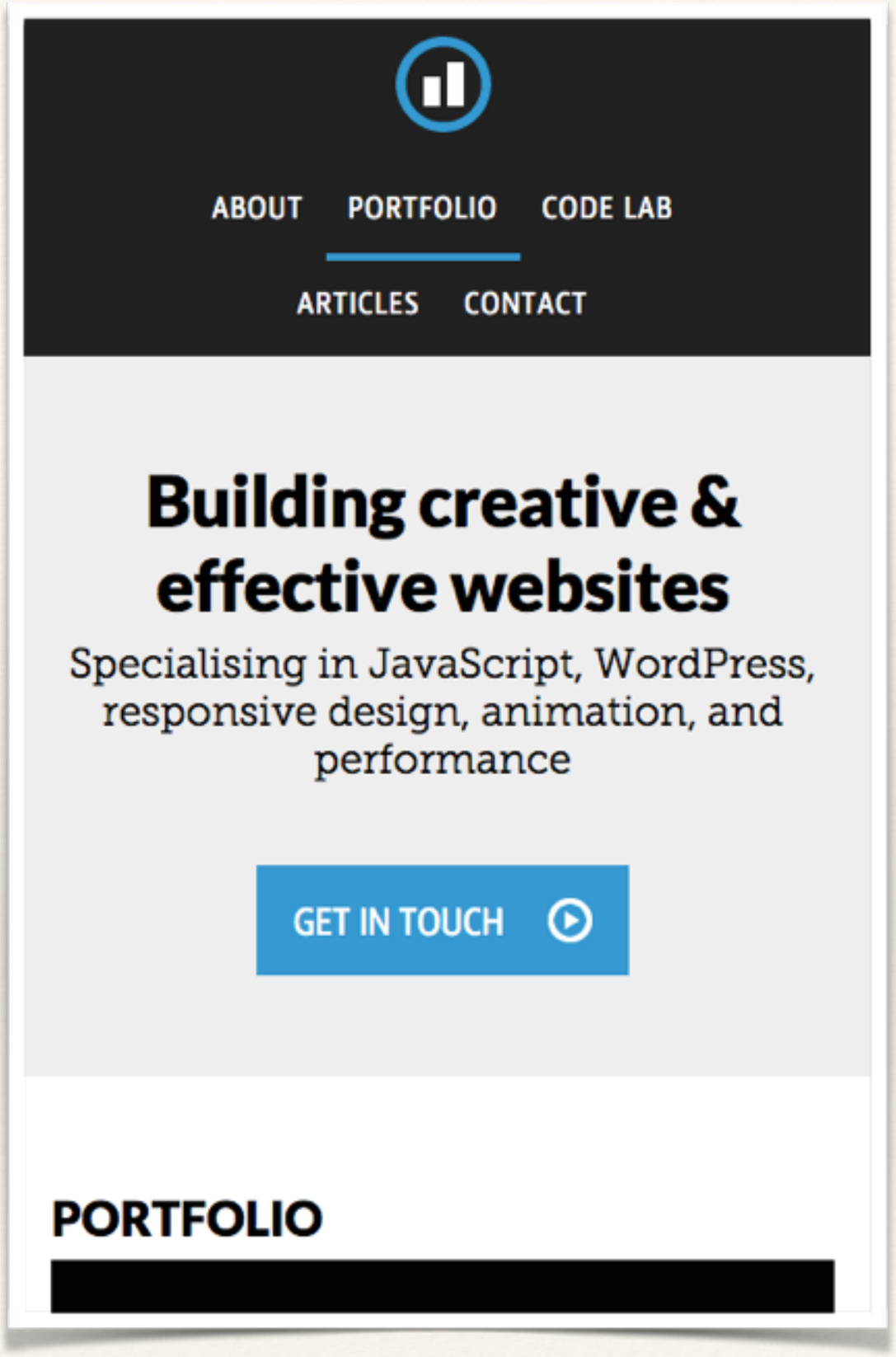
- Then create a design of how the same page would look when viewed on a phone.

- Please post 3 images to your Discussion Board thread: your visual designs for desktop and mobile, and a photo of your pen and paper wireframe.

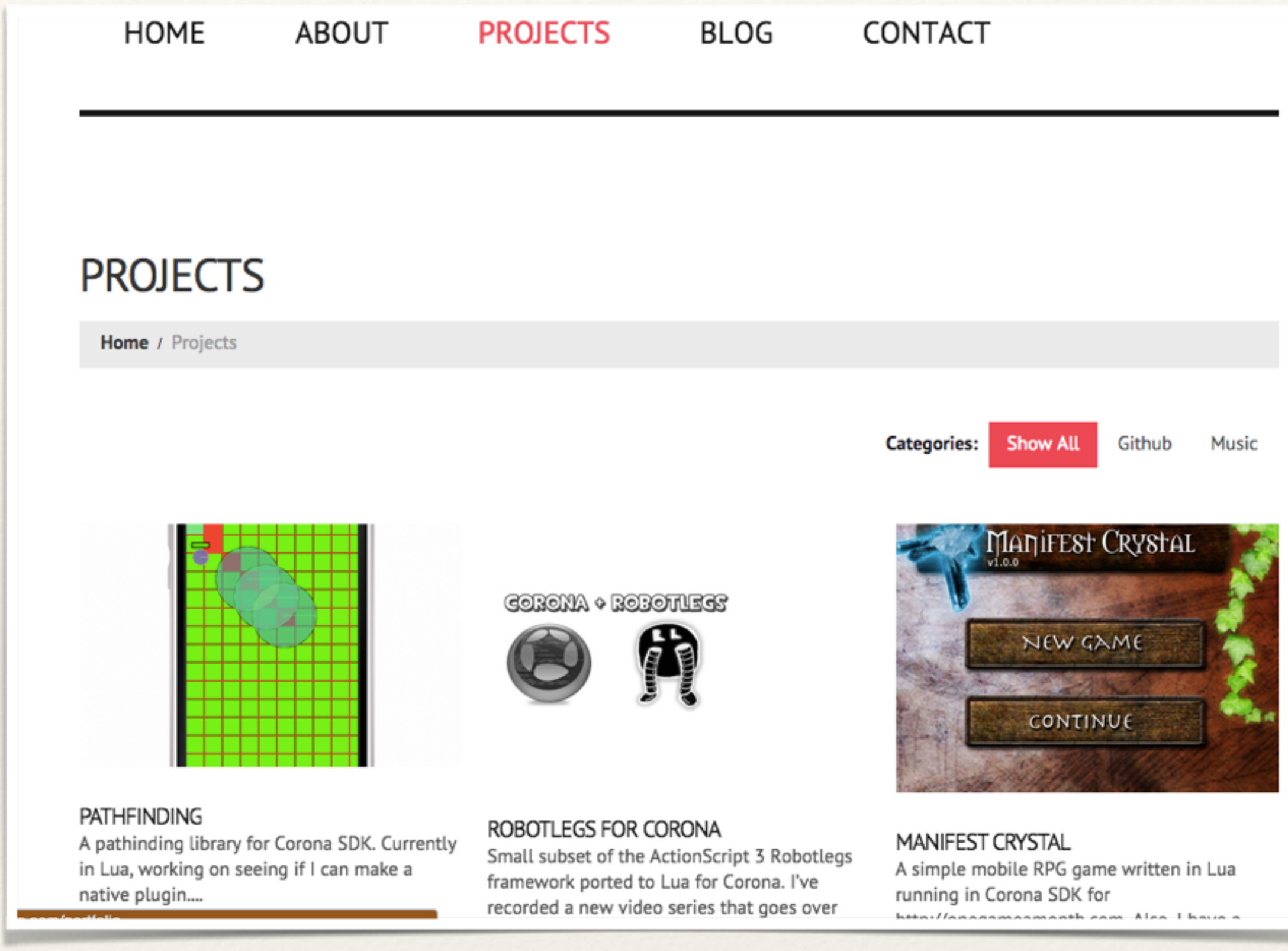
Examples of Web Portfolios


IAN LUNN
Front End Developer
ABOUT
PORTFOLIO
CODE LAB
ARTICLES
CONTACT
Building creative & effective websites
Specialising in JavaScript, WordPress, responsive design, animation, and performance
GET IN TOUCH
PORTFOLIO
R
CSS3
Foundations
SOCIAL AXIS

Ian Lunn



Ian Lunn (mobile)



Jesse Warden

Projects

PROJECTS

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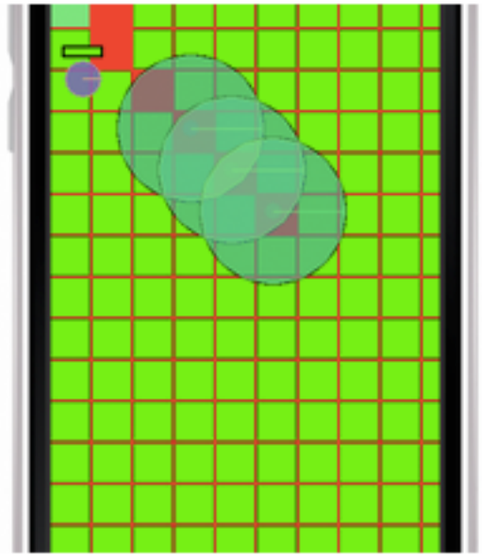
Github
Music

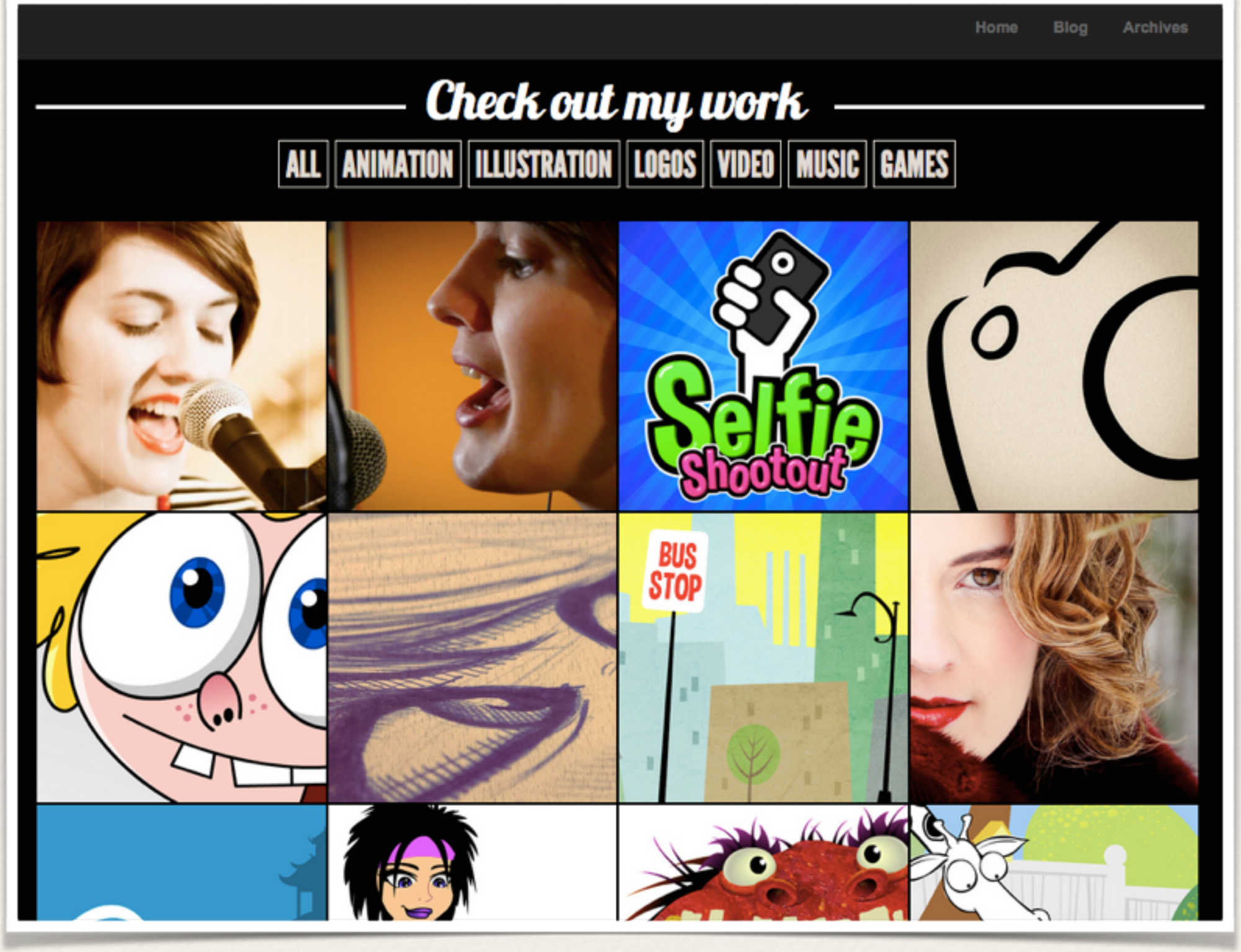


PATHFINDING

A pathinding library for Corona SDK. Currently in Lua, working on seeing if I can make a native plugin....

READ MORE

Jesse Warden (mobile)



Chris Georgenes