

PORTFOLIO ASSESSMENT

Lachlan Greve

CCC-012117

OVERVIEW

- This presentation will review:
 - Design Process & Decisions
 - Portfolio Website and Features
 - Development & Build Process

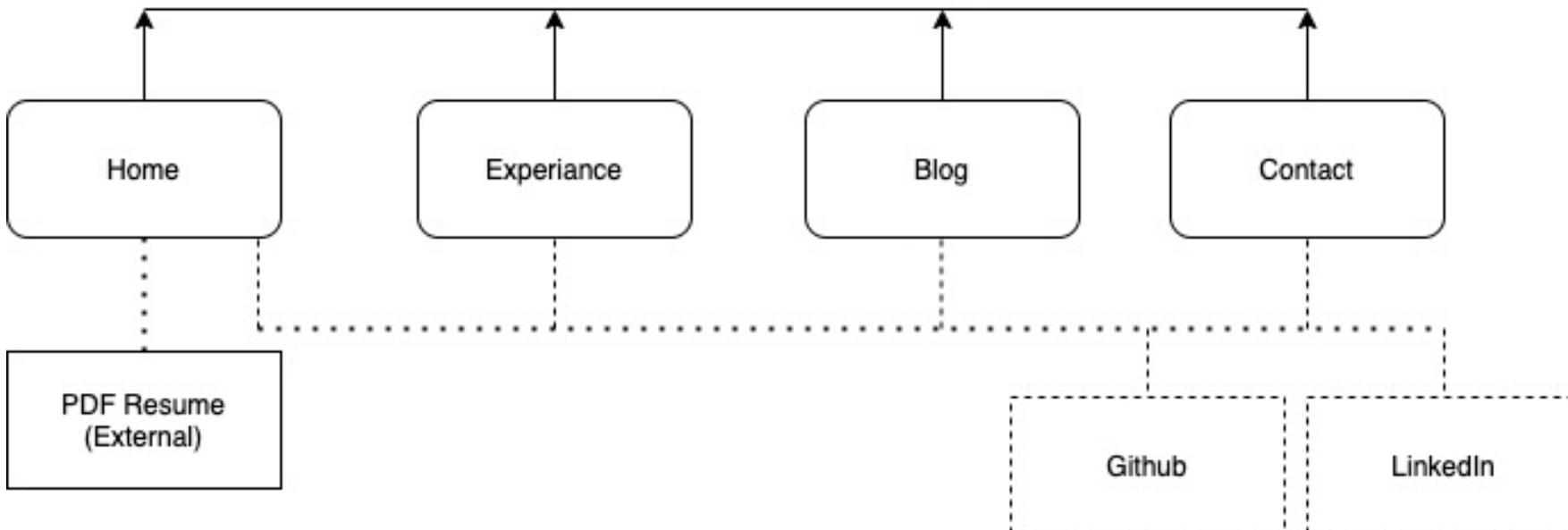
DESIGN PROCESS & OBJECTIVES

OBJECTIVE

- Build a portfolio that demonstrates my skills and abilities, particularly in web design
- Clean & functional styling that is easy to understand and navigate
- Responsive content that is dynamic and adjusts to the user's viewport
- An accessible and secure website that follows W3C standards
- 4 Individual HTML Pages

SITEMAP

Portfolio Assesment



PLANNING:

- Planning:
 - Wireframing and research into how write HTML and CSS
- Time Allocation:
 - Planning my time to develop the portfolio and setting deadlines in my calendar
- Source Control:
 - A Github remote repository for source control and deployment of the portfolio

PORTFOLIO WEBSITE AND FEATURES

TECH STACK

- HTML5
- CSS3
- Deployed on Github through Github Pages
- Source Control on Github

HTML/CSS COMPONENTS

- Navigation Bar
- Footer
- Header
- Sections
- Articles
- Images
- Figures
- Anchors
- Body
- Main
- Div

UNIVERSIAL COMPONENTS

- Navigation Bar & Header:

Lachlan Greve

Home

Experience

Blog

Contact

- The four pages of my portfolio are accessible through a common Nav Bar.
- The current page is colored red (Home). On hover the background will change to red (Experience)
- The header of the page is my name, with an anchor to the top of the page.

UNIVERSIAL COMPONENTS

- Footer:



[Back to Top](#)



- The footer is displayed at the bottom of each page and contains clickable links to get in contact with me.
- Includes a Back to Top anchor the is linked to the header at the top of the page.

WEBSITE STYLING

Background:
#f1f1f1f1f1

Sections:
#ffffff

Content:
#333333

Highlights:
#FF0000

Font Style: Roboto

Text:
#000000

DEVELOPMENT & BUILD PROCESS

HOME PAGE - DESIGN

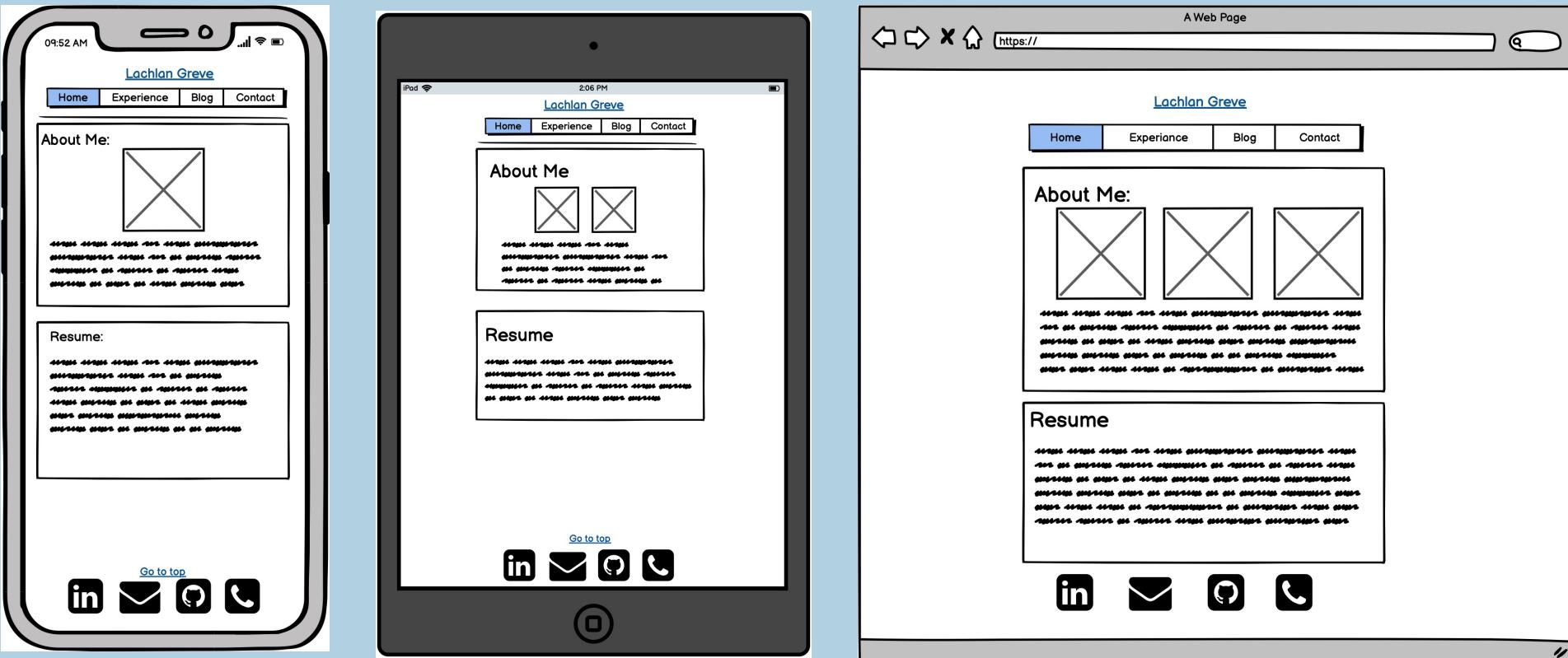
- Image of myself, my partner and my cats.

- Introduction to my portfolio.

Development & Build Process

- An anchor link to download a current version of my resume.

HOME PAGE - WIREFRAMING



Audience Engagement:

- Images displayed on screen are adjusted and resized depending on the size of the screen
- Sections of content are segmented with a separate style 'card'
- Nav bar hover effect and highlight of current selection
- Back to top link

HOME PAGE - FINAL DESIGN

Lachlan Greve

Home Experience Blog Contact

About Me:



Me

Hi my name is Lachlan! I am a current student of the CoderAcademy - Coding, Cloud & Cyber Security Bootcamp Course of 2022. I am a DevOps engineer and IT professional (in-training). This website is intended to demonstrate some of my skills and abilities.

Resume:

Click [here](#) to download a current version of my resume.

Lachlan Greve

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My partner



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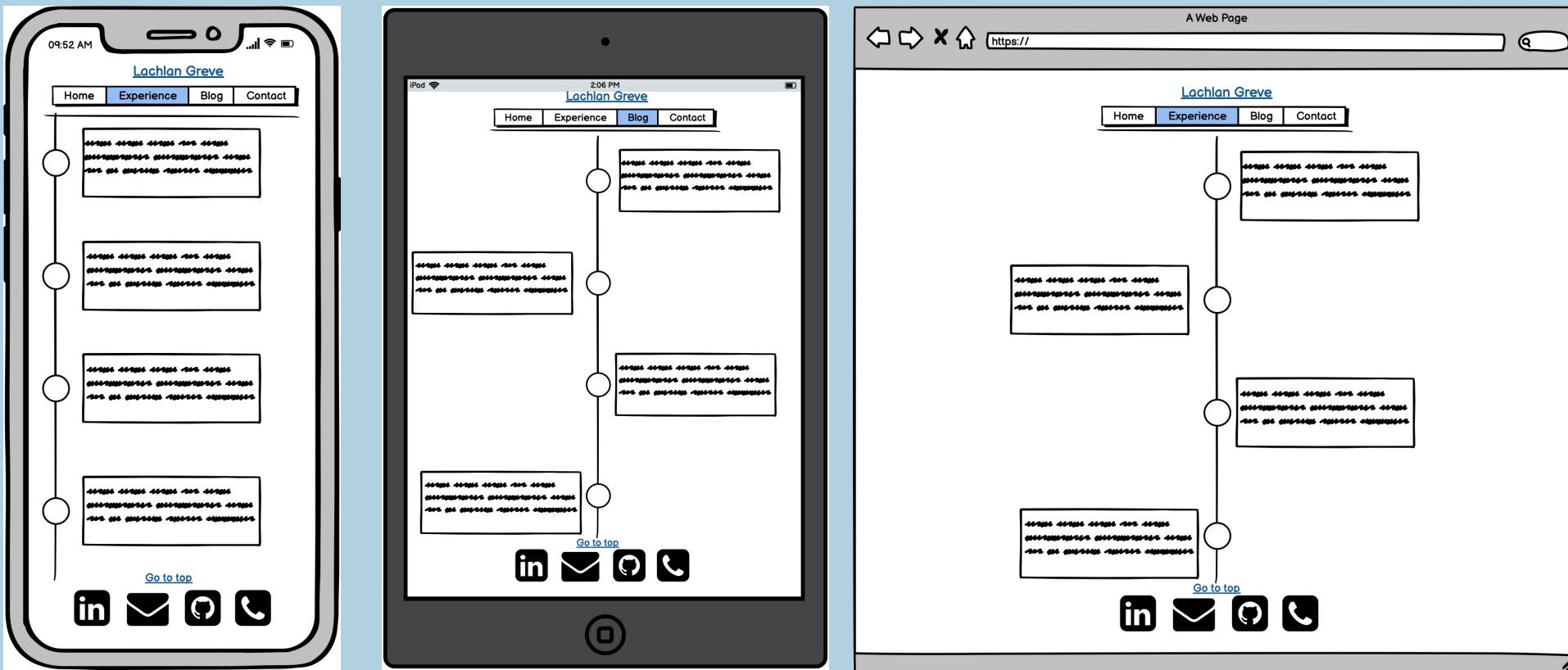
[Back to Top](#)

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EXPERIENCE PAGE - DESIGN

- A timeline of my professional qualification and work history
- 4 Individual sections of content
- Responsive design that separates sections of information and presents it in an interesting way

EXPERIENCE PAGE - WIREFRAMING



Audience Engagement:

- Content is displayed on an interactive timeline that staggers blocks of text and resizes depending on the size of the screen.
- Nav bar hover effect and highlight of current selection

EXPERIENCE PAGE FINAL DESIGN

Lachlan Greve

Home **Experienc**e Blog Contact

CoderAcademy 2022 - Current

Code, Cloud & Cyber Security Bootcamp

- Fundamentals of coding, programming and computer science
- Intensive, industry-led education model
- Hands on, practical learning

Corporate Affairs Manager 2019 - 2022

Lighting Council Australia

- Corporate Affairs Manager for Australia's peak industry body for the lighting industry
- Provided technical advice and fee-for-service consultation
- Organised promotional and educational events

Lachlan Greve

Home Experienc Blog Contact

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RMIT University 2017 - 2019

Candidate for Doctor of Philosophy (Chemical Engineering)

- Research Topic: Machine-learning enabled gas sensors
- Supervisor: Professor Kourosh Kalantar-zadeh
- Withdrawn in good standing

RMIT University 2012 - 2016

Bachelor of Engineering (Chemical Engineering)

- Honours 1st Class

Lachlan Greve

Home Experienc Blog Contact

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Code, Cloud & Cyber Security Bootcamp

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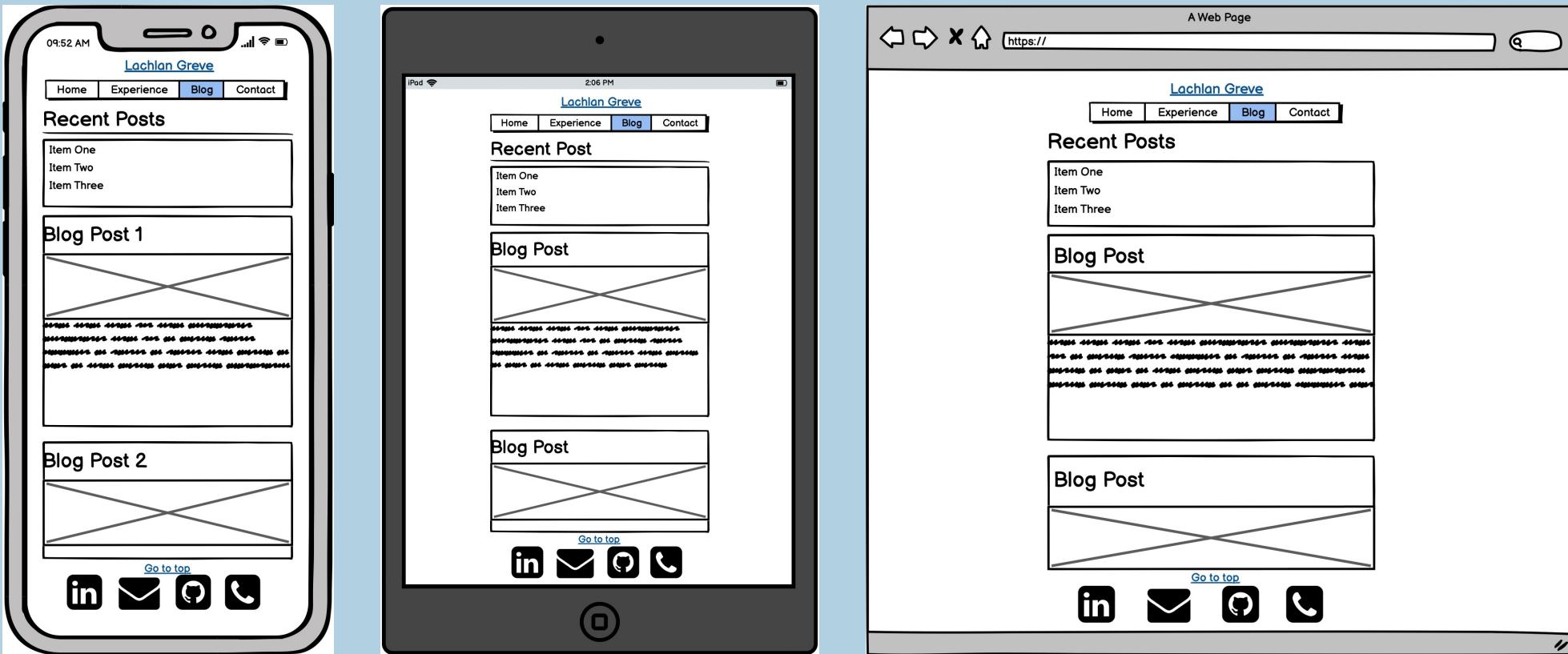
- Research Topic: Machine-learning enabled gas sensors
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RMIT University 2012 - 2016

BLOG PAGE - DESIGN

- A list of recent posts sorted by date posted.
- Anchor links that will take the user to the posts when clicked.
- At least 5 Blog posts with images

BLOG PAGE - WIREFRAMING



Audience Engagement:

- Recent post list at top of page with anchors to specific posts
- Blog posts are segmented with a separate style 'card'
- Back to top link
- Page margin that adjusts to the width of the screen

BLOG PAGE - FINAL DESIGN

Lachlan Greve

Home Experience **Blog** Contact

Recent Posts:

2021 January 7: [The story so far...](#)
2021 January 6: [How to become a hacker](#)
2021 January 5: [How to make a chocolate cake](#)
2021 January 4: [Starting my course at CoderAcademy](#)
2021 January 3: [My first blog post!](#)

The story so far...

Catch up on the latest news, Jan 7, 2021



Sapien pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas sed tempus, urna et pharetra massa massa ultricies! Turpis nunc eget lorem dolor, sed viverra! Molestie lorem ipsum dolor sit amet, consectetur adipiscing elit. Malesuada fames ac turpis egestas integer eget aliquet nibh praesent tristique magna sit amet purus gravida quis blandit turpis cursus in.

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How to become a hacker

Secrets revealed, Jan 6, 2021

Lachlan Greve

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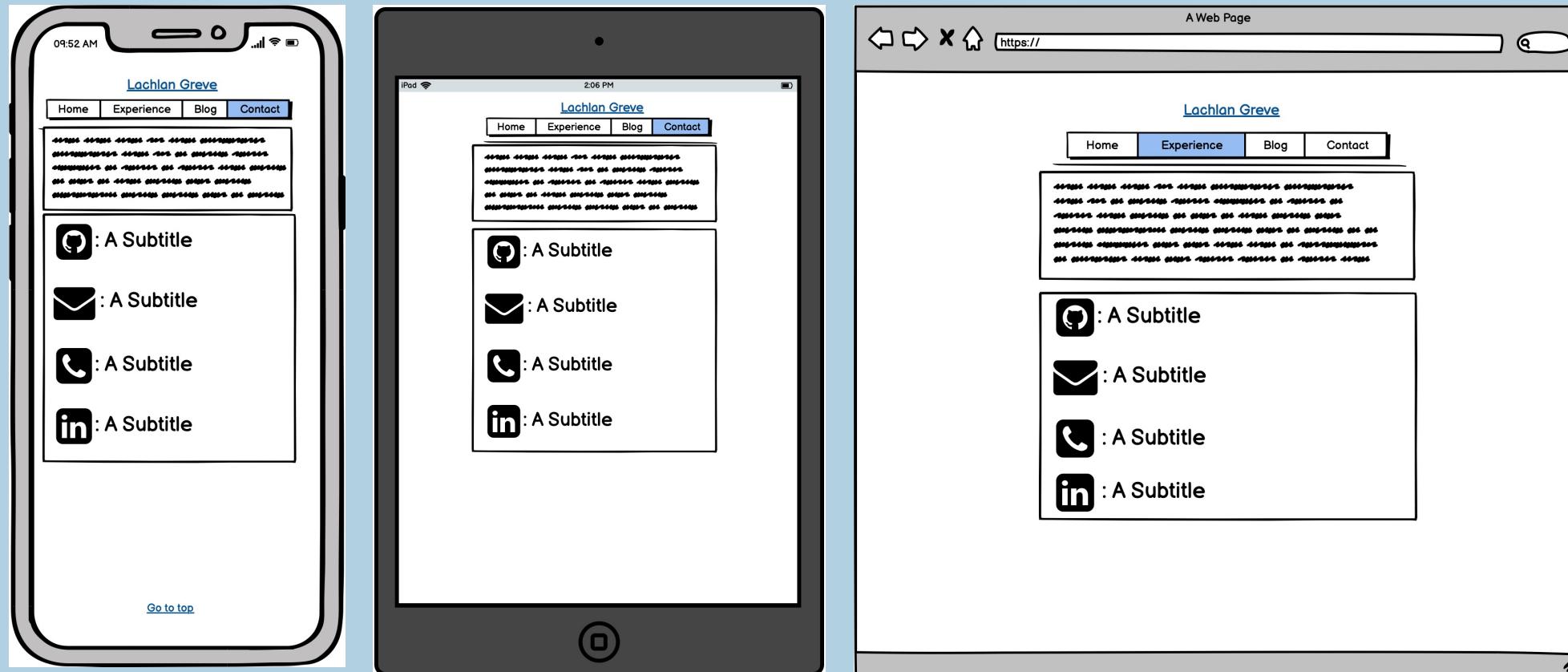


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CONTACT PAGE - DESIGN

- This page will contain:
 - A link to my Github and LinkedIn Accounts
 - A mailto anchor linked to my email address
 - My phone number
 - Clickable icons that link to their respective content

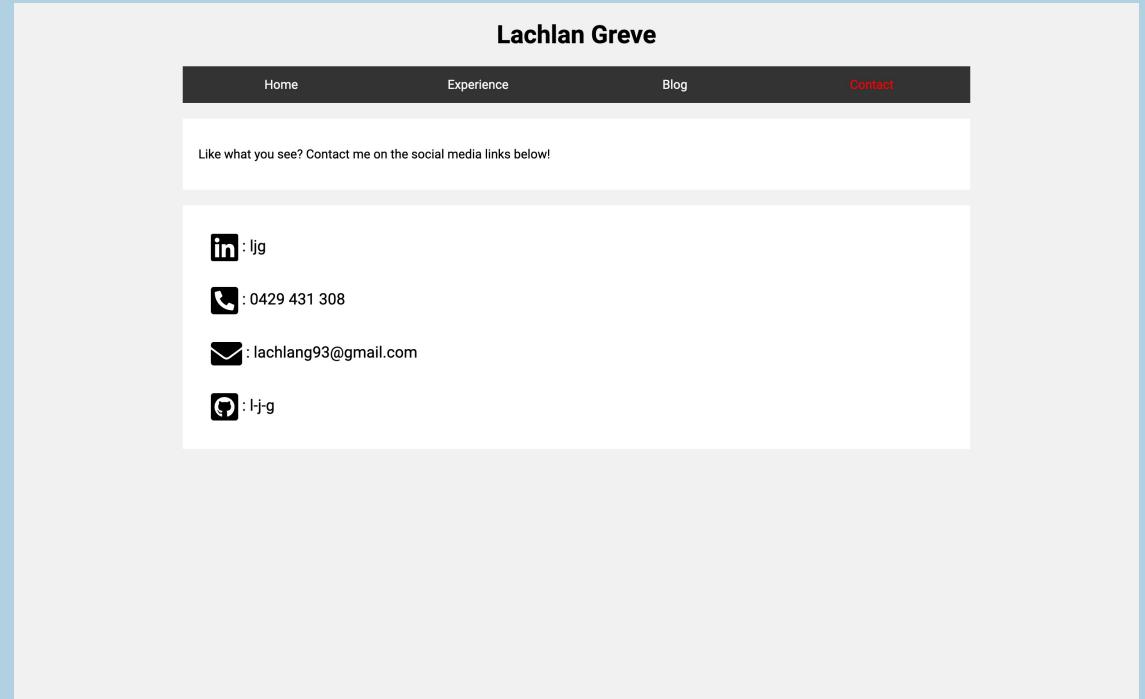
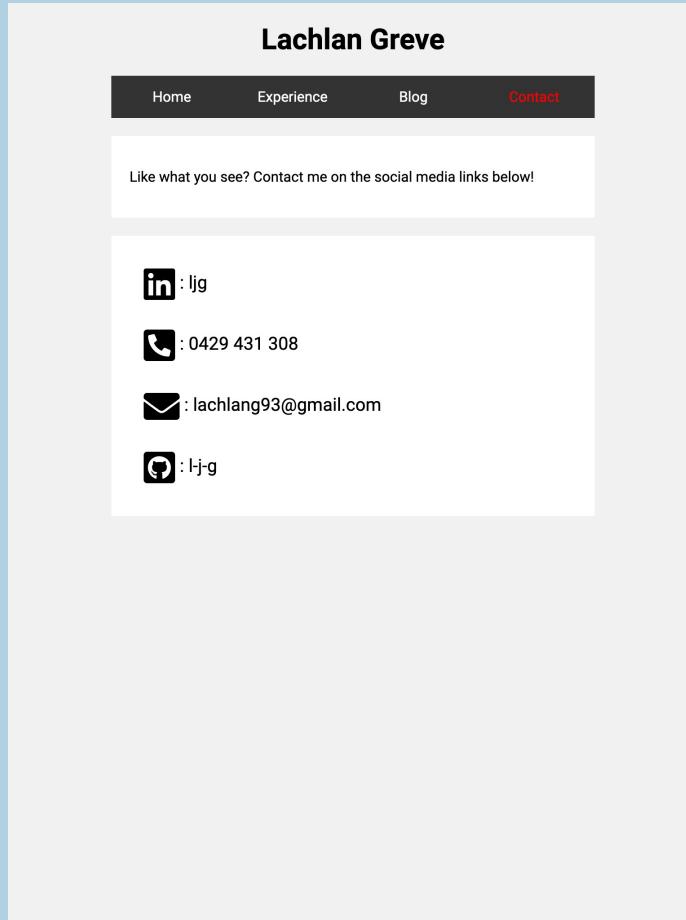
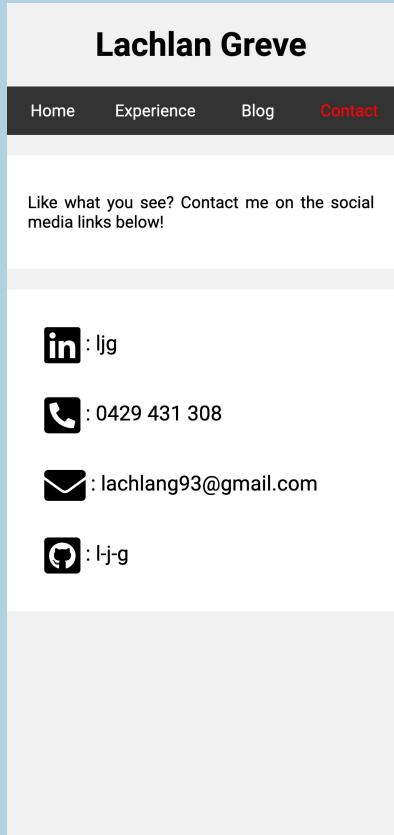
CONTACT PAGE - WIREFRAMING



Audience Engagement:

- Semantic links to phone number, email, github and linkedin
- Footer repositioned as a central component of content
- Margins respond to width of screen
- Nav bar hover effect and highlight of current selection

CONTACT PAGE - FINAL DESIGN



CHALLENGES

- First time using HTML or CSS – Needed to research and learn as I develop the portfolio
- Debugging – Figuring out why things don't work the way I wanted them too
- Semantic and responsive design to make the page as accessible as possible
- Source Control – maintaining a log of commits and backup points

ETHICAL ISSUES

- Semantic HTML - Additional work with limited return for most users
- Not knowing how to implement some features that I wanted to and developing original content with wide availability of tutorials and automation tools available.
- Example: Experience Page
 - I took inspiration from online tutorials and walkthroughs that were available publicly
 - Took time to understand each step of the design and to implement it in my own way

FAVOURITE PARTS

- Problem Solving and Debugging - Figuring out how to get things to display the way I want them to
- A tangible outcome – Having a platform and portfolio that I use in the future to refer potential employers to
- Self paced work – Having the freedom the design my portfolio in my own way to reflect my skills and preferences