

# SIOBHAN LEESE

SOFTWARE DEVELOPER



+447866026431



siobhanleese@gmail.com



[www.siohhan-leese.com](http://www.siohhan-leese.com)



[www.instagram.com/esselleaudio](https://www.instagram.com/esselleaudio)



<https://github.com/Ess-elle>



[www.linkedin.com/in/siohhan-leese](http://www.linkedin.com/in/siohhan-leese)

## PROFILE

As a self-taught developer, I am seeking an opportunity with an employer willing to give newcomers a chance. Jumping in at the deep-end in a new career, in a demanding, fast-paced role, learning on the job independently, is not new to me. I thrive in new challenging environments and love to tackle new challenges. I offer self-motivation, adaptability, and the ability to work both independently and as part of a team.

## CERTIFICATIONS

### CS50'S INTRODUCTION TO COMPUTER SCIENCE

edX

April 2022 - December 2023

CS50 is Harvard's and Yale's introductory computer science course. It is a notoriously demanding yet rewarding course, which I absolutely loved completing on edX.

Modules: C, Arrays, Algorithms, Memory, Data Structures, Python, SQL, HTML, CSS, JavaScript, Flask

Assessment: 10 problem sets, nine lab exercises and one final project

### CS50'S WEB PROGRAMMING WITH PYTHON AND JAVASCRIPT

edX

February 2024 - August 2024

Modules: Git, Django, Models and Migrations, User Interfaces, Testing, CI/CD, Scalability and Security

Assessment: Five practical projects

### INTRO TO AUDIO PLUGIN DEVELOPMENT

Kadenze Academy

August 2024 - Present

Modules: Fundamentals of Audio Plugin Development, User Interfaces, Parameters, Modulation, Audio Effects and DSP

Assessment: 50% projects, 25% quizzes and 20% assignment

## EXPERIENCE/PROJECTS

### AUDIO EFFECT PLUGIN DEVELOPMENT

June 2024 - Present

Driven by my interest in digital audio and passion for music, the aim of building audio effect plugins was behind the initial motivation to learn programming.

I am documenting my progress on Instagram [here](#), which I hope also becomes a valuable learning resource for others starting in audio development.

I have so far built a simple delay, and I'm currently working on a tube saturator with fully customised GUI.

C++

JUCE

CMake

Git

### ONLINE ACCIDENT REPORTING

Cats Protection

April 2024- June 2024

Previously, accident reports were reported on paper, and a copy scanned and sent via email to the Health and Safety team to manually type out on the database, which took around one day each per month per team member.

Uninspired with this tedious task, I designed a web application (using the Django framework, deployed on Vercel) to enable accident reports to be filled in online, on any device, by anyone, and be sent directly to the H&S inbox.

Python

Django

CSS

HTML

### BREATHE WITH BELLA

September 2023 - December 2023

My first project - a breathwork web application featuring the calming animation of a sleeping cat.

I'm currently moving the web app over to the Angular framework.

Angular

TypeScript

JavaScript

CSS

HTML