

# Gemma Whitfield

## Junior Front End Engineer

Self-motivated, T-shaped engineer proficient in various front end languages & frameworks, including: HTML5, CSS3, JavaScript, jQuery & React. Experienced in building iOS mobile apps with Objective-C and Swift. Dedicated to providing exceptional user experience. Passionate musician with a Master's degree in Music Technology. Currently pursuing a role in the music tech industry, where I can combine my passion for audio with my engineering skills.

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## SKILLS

HTML

CSS

JavaScript

jQuery

React

Objective-C

C++

Swift

XCode

iOS Development

Python

Digital Audio Workstations (Logic, Ableton Live, Pro Tools)

UI Design

SEO

Problem-solving

Teamwork & Collaboration

## EDUCATION

### Software Engineering (Bootcamp)

Tech Talent Academy

10/2020 - Present

#### Courses

- Modules: HTML & CSS, JavaScript, Java, C++, Python, Pandas/NumPy, Django/Flask, Agile Methodologies, Security Fundamentals.

### Master's Degree (MMus) Music Technology

Royal Birmingham Conservatoire

09/2017 - 09/2018

### BA (Hons) Music Production & Culture

University of East London

09/2012 - 06/2015

## EXPERIENCE

### Data & Insights Officer

Town Hall & Symphony Hall

04/2020 - 11/2020

Birmingham, UK

#### Achievements/Tasks

- Led on the provision of accurate data and customer behaviour insights to enable precisely targeted communications which yielded engagement, loyalty and return on investment.
- Planned, utilised and managed effective data selections for customer relationship management campaigns.
- Collaborated with other departments to produce funding applications to Arts Council England and local trusts.
- Provided intelligence insights to enable strategic decision making within the organisation.

## EXPERIENCE

### Digital Communications Assistant

Town Hall & Symphony Hall

07/2019 - 04/2020

Birmingham, UK

#### Achievements/Tasks

- Ensured effective distribution of email communications to audiences, building and distributing campaigns using HTML, CSS and JavaScript in the CRM online system.
- Facilitated effective internal communications and collated up-to-date information from across the organisation.
- Maintained data integrity in compliance with the Data Protection Act/GDPR and supported other colleagues in this area.

### Front-End Web Developer

Mousai Academy

11/2017 - 07/2019

Birmingham, UK

Mousai Academy is an online-based learning platform for music producers, specialising in electronic music production.

#### Achievements/Tasks

- Developed and updated the website using HTML, CSS, JavaScript and PHP.
- Designed the website's visual imagery and video content in compliance with the company's branding.
- Optimised the website for search engine algorithms and performance.
- Conducted responsiveness and performance testing.

### Technical Assistant

Point Blank Music School

11/2016 - 11/2017

London, UK

#### Achievements/Tasks

- Operated various digital audio workstations including Pro Tools, Logic Pro X, Ableton Live 9 and various external software packages including Native Instrument's Komplete (and provided advice to students on their usage).
- Managed recording studio bookings and maintained technical equipment.
- Assisted marketing/sales/education team and monitored online school activity.

### Learning & Participation Manager

Birmingham Opera Company

11/2015 - 11/2016

Birmingham, UK

#### Achievements/Tasks

- Recruited and managed over 200 volunteer actors, dancers and singers for the production of 'Dido and Aeneas'.
- Managed data collection and post-show reporting to charitable trusts and Arts Council England.
- Led on sound editing using Logic Pro X digital audio software.

## CERTIFICATES

"Foundations of Objective-C App Development" - UCI  
(10/2015 - Present)

View credential:

<https://www.coursera.org/account/accomplishments/certificate/2FV5ZGX6U3NL>

JavaScript Algorithms and Data Structures -  
freeCodeCamp (11/2020 - Present)

View credential:

<https://freecodecamp.org/certification/gemmawhitfield/javascript-algorithms-and-data-structures>

"Responsive Web Design" - freeCodeCamp  
(10/2020 - Present)

View credential:

<https://www.freecodecamp.org/certification/gemmawhitfield/responsive-web-design>

"Front End Libraries" - freeCodeCamp  
(11/2020 - Present)

## LANGUAGES

English

Native or Bilingual Proficiency

Spanish

Limited Working Proficiency

## INTERESTS & HOBBIES

Music Production (Both participating and running classes)

Blogging about technology

Reading

Learning new languages (Currently: Spanish)

Personal Growth

Video Games

AI

Mentoring

DJ-ing