

DR JOSEPH MANGHAN

FRONT END DEVELOPER

www.josephmanghan.com

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Committed, friendly and enthusiastic Front-End Developer with a firm grasp of the fundamental technologies and principles of the web. Passionate about user interface, user experience, aesthetic and responsive design. Eager to learn, with a proven capacity for research. PhD graduate in Music & Web Science - utilised web practices to outsource compositional tasks to crowds.

SKILLS

Technical

HTML5

CSS3 | Bootstrap

JavaScript | jQuery

Git

Microsoft Suite | Excel

Ableton Live | Sibelius

Professional

Research & analysis

Public speaking

Strong written & verbal
communication skills

Problem solving

Attention to detail

EDUCATION

Pitman Training | The Tech Academy

Web Developer Diploma (Dist.)
2020-21

University of Southampton

PhD in Music & Web Science
2015-20

MMus Music Composition
(Dist.)
2014-15

BA Music (1st class)
2011-14

WEB PROJECTS

www.josephmanghan.com

- A built-from-scratch personal site, produced to showcase skills
- Achieved an adaptive and fully responsive design
- Drew on web standards, accessibility, UI and speed optimisation research

Hosts the following projects:

To Do App

Allows users to add and delete tasks

Calculator

A functioning calculator built with JavaScript

Tic-Tac-Toe

Users play against the computer

Cinema Homepage Prototype

Created to develop Bootstrap skills

RELEVANT EXPERIENCE

PhD in Music and Web Science

University of Southampton / 2015-2020

Doctoral research led to a portfolio of musical compositions assembled and shaped through crowdsourcing techniques, identified broadly as 'crowd-composition'.

- Added to and developed this field, emphasising the importance of user experience in facilitating networked and co-created music
- Conducted methodological reviews of various features, generating UI/UX design improvement across the portfolio
 - Testing guided by analysis of several user data sets
 - Increased enjoyment and satisfaction ratings upwards of 50%
- Refined presentation skills to maximise engagement with participants
- Honed spreadsheet and writing skills to a publishable standard
- Gained invaluable organisation and time-management experience through working creatively within high-pressure deadlines

Social Media Assistant

University of Southampton / 2017-2018

- Managed, alongside a team, UoS Music Department social media channels
- Created strategies for targeting disinterested cohorts, successfully expanding the community twofold
- Optimised and automated posts through utilising social media tools

Peripatetic Music Tutor

Southampton Music Service / 2012-2018

- Piano and percussion teacher, assistant for various ensembles
- Led a number of workshops where effective communication was essential
- Codirected the Southampton Youth Percussion Ensemble
 - Compiled a curriculum for the recently established group
 - Developed strategies for teaching within the inherently noisy and distracting environment

 [in/josephmanghan](https://www.linkedin.com/in/josephmanghan)

 [josephmanghan](https://github.com/josephmanghan)