

TESSA BREEN

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PROFESSIONAL EXPERIENCE

Unity Technologies, London - Copenhagen

June 2022 – Present

Software Engineer for Engineering Services

- Building a world-class, scalable infrastructure for continuous integration for developers of the unity engine

The British Broadcasting Corporation, London

June 2020 – Present

Software Engineer for Digital Publishing

- Building microservices and internal tools for journalists using Scala, React, Node, GraphQL, Redux, and AWS
- Improving content discovery using metadata documents
- Building an article editor to enable flexible content creation
- Maintaining and developing CI/CD pipelines in Jenkins
- Maintaining a front-end component library for use across the organisation
- Ensuring products and new features meet WCAG accessibility standards and documenting best practices for use across the organisation

DabApps, Brighton

Jan 2018 – May 2020

Software Engineer

- Building single-page web apps and mobile apps for brands using Javascript, Typescript, React Redux and Django
- Projects include: *Centurion* mobile app written in React Native to control a laboratory centrifuge and *Experta*, a social media app for Lawyers to discover clients using React and Django
- Volunteered with charity CodeBar to teach software development to minority groups

AI Music, London

May 2018 – Dec 2018

Business Analyst

- As part of an early stage investment strategy I identified and sought partnerships with key stakeholders in the music industry and ad tech sector.

EDUCATION

Imperial College London

2014 – 2018

BSc Physics

Optional modules in Astrophysics, Environmental Physics, Advanced Hydrodynamics, Physics of Medical Imaging and Radiotherapy and Lasers.

Computing projects included modelling the transmission of infectious disease, percolation theory and light refraction.

A member of the Philosophy Society, and IC Radio.

SKILLS

React, Typescript, Redux-Saga, Git, GitHubActions, Next.JS, Tailwind, Accessibility, Node.js, Scala, Javascript, GraphQL, AWS