

Tom McLaughlin - [Github Link](#)

Personal Bio

As a music graduate, I am able to offer a unique perspective and approach novel tasks by thinking creatively. I love keeping up with new advancements in the industry and have pursued software engineering through development of a personal website. Aspiring to full stack development, I may be particularly suited to a front end role (perhaps specialising in user interface experience design) but am open to any form of experience.

Education & Existing Technical Skills

University Of Surrey, Creative Music Technology
2:1

09/19 - 05/21

Relevant Coursework / Modules:

- Compositional Programming A / Self Contained Soft Composition
[utilising a node based programming language called MAX to create an interactive musical compositional application]
- Creating Music with Computers 2B / Coursework
[utilised the C++ based framework Supercollider in order to design my own synth to be used in composition.]

Coding Skill:

- Intermediate: HTML, CSS, Javascript
 - Java, SQL, React, NodeJS Git developing through bootcamp
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Previous Experiences

TradeMark Paralegal | Albright IP Limited

08/22 - 12/22

Prepared documentation for submission to the UKIPO, accurately entering & monitoring deadlines on an in-house record system (CRM), answering incoming calls & queries, legal secretarial work, liaising with accounts and invoicing clients appropriately. The role emphasised fine attention to detail alongside professional and timely communication.

Lead Barista | The Meadow Cafe (Cheltenham)

01/23 - 09/23

Prioritised both speed and accuracy whilst maintaining foremost quality during drink service. Role required use and maintenance of SumUp POS and stock tracking system.

Assistant Engineer | Pedigree Cuts Records (Cheltenham)

05/21 - 09/21

Gained experience on industry standard DAW software used in a professional setting. Advised and collaborated on selection of a new Studio Mac (requisite processor, RAM) to function as a remote sample server.

Working Internship | Blueberry Systems Bespoke Software Consultancy (Cheltenham) 10/20 - 11/20

Sat in on team meetings gaining exposure to project management strategies and development lifecycle methodologies. Help maintain and update the in-house sprint tracker to monitor progress on current projects (Excel & SQL).

Prior Coding Experience

Backend API Group Project: '[Gratitude Journal](#)' | Bright Network Technology Academy 10 - 23

- Developed an API that allows users to create a virtual gratitude journal: designed to enable features like mood tracking & daily journaling.
- **Java** was used to develop our application.
- Group took advantage of agile development methodology during planning and relied on a Kanban board to track progress during week long development process.

Frontend Group Project: '[TicTacToe](#)' | Bright Network Technology Academy 11 - 23

- Using a predetermined backend, my group designed and implemented the front end for a Tic-Tac-Toe style game.
 - **React (HTML, Javascript and CSS) were the main tools we used.**
 - We used Figma during wireframing and UI design, Trello as a ticket tracking tool and Kanban board.
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Achievements, Interests and Roles of Responsibility

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| Course Representative Creative Music Technology BMus | 09/19 - 05/21 |
| Vice President University of Surrey Big Band | 09/20 - 05/21 |
| Gold Award Duke of Edinburgh Program | 2018 - 2019 |
| ABRSM Grade 7 Pass with Merit | 2016 |
| ABRSM Grade 8 Musical Theory Pass with Distinction | 2016 |
| 'Most Improved member' CKV Road Cycling Club | 2023 |