

INTRODUCTION

I am a graduate of the **Makers Academy coding course** & this is the career change I've been dreaming of. I had an enriching career in education learning support, which was challenging but collaborative & rewarding work, using technology as part of the process of assisting people with their learning support & education needs. I have also worked within the rigorous areas of video subtitling & library-cataloguing services.

I am excited to progress in a new career in coding which I discovered after completing free courses during lockdown. This interest & passion to learn led me to joining the Makers remote course and discovering how much I enjoy investigating & contributing to code solutions both solo & in team situations.

EXPERIENCE

Makers Academy

Makers gave me self-motivated grounding in researching the fundamentals of full-stack development:

- **DOMAIN MODELLING/MVC** – I learnt how to design projects from scratch from **User Stories** using modelling, using self-motivated & sharing research to complete projects, gradually learning to build the full stack with growing understanding of **client-server** relationships and the structure of the **MVC**.
- **AGILE WORKING**– Developed **agile** processes, learning to build a great interactive team experience to make the building of challenging projects more enjoyable and make everyone feel included and valued with an inclusive team charter, using collaborative online documents and **peer-programming**.
- **TEST DRIVEN DEVELOPMENT** - Building programs incrementally from rigorous **TDD** principles, learning to read **error messages** carefully, using **debugging** and gaining visibility on our process, learning to break down problems and work through each stage of development carefully a step at a time.
- **THE FULL STACK** – A grounding in all levels of the stack, from fundamental methods building **functions** & **classes** using **OOP** with Ruby & Javascript, the front-end using HTML & CSS & interaction with the back using databases such as PostgreSQL & MongoDB.

JUST SOME OF MY ONGOING GITHUB PROJECTS

Name	Description	Tech/tools
Kirill: Distributed Music Instrument https://github.com/david-ewan-campbell/kirill	Ongoing collaborative project to build a rigorously tested & built production-quality App that provides a platform for users to perform music & others to listen in.	Ruby, RSPEC, Javascript, Jest, HTML/CSS, Shell scripting, Sinatra, Railway
React-Native/Expo: Counter App https://github.com/david-ewan-campbell/Counter-App-2-Jest-TDD-React-Native-with-EXPO	Self-motivated project to build a simple counter App that uses unfamiliar technology & provide challenges incl. migrating JS to Typescript & using React-Native	Javascript/Typescript, Jest, React-Native, EXPO
Bank Tech-Test https://github.com/david-ewan-campbell/bank-Tech-Test-Javascript	Self-motivated challenge to build a bank app with rigorous incremental TDD that can be required, instantiated and run in Node REPL.	Javascript, Jest, ESLint, Excalidraw for Domain Modelling, Gitignore
Final Makers group project – Seedle https://github.com/david-ewan-campbell/seedle	A one-page React web app that pulled live data from APIs using geo-location, that could find local nature data based on your postcode	React/JS, Jest, Cypress, HTML, CSS, ESLint, Discord, Excalidraw, Heroku for deployment

PREVIOUS WORKING KNOWLEDGE GAINED INCLUDE:

FAST RENDERING OF ARCHITECTURAL DRAWINGS & DISPLAYS FOR PROJECTS

Architectural assistant at chartered family firm – August 2021 - Present

- Drawing & painting visual renderings of projects both by hand then on computer
 - Making display-boards with quick turnarounds and also engaged in office computer work/admin.
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THE QUICK TURNAROUND OF SUBTITLES FOR VIDEO PROJECTS WITHIN TIGHT TIME SCHEDULES

Video Subtitle Editor – Pixelbox Media - June 2019 to December 2020

- Remotely edited subtitles and rendered content for corporate videos for companies such as Milwaukee Power Tools using Adobe Premiere, working to tight deadlines.
 - Lots of communication with international team members to make constant changes to projects.
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ACCURATE MAINTAINING OF LIBRARY TITLES IN LIBRARY CATALOGUE AND KEEPING FINANCES UP TO DATE

Glasgow Life Library Services (April 2018 – August 2021) Library services/cataloguing assistant.

- Maintained an extensive library catalogue using Open Galaxy management software,
 - Worked in an adaptable team across the city, sourcing and sending titles and constantly updating the catalogue. I also maintained secure financial logging, banking and ensured a safe, secure environment for both public and staff.
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I also worked in varied education & therapy support roles for children and adults with additional needs:

SAFE AND SECURE INFORMATION STORAGE IN CHALLENGING EDUCATION AND THERAPY SUPPORT

- Responsible for the safe storage of information in secure computer databases about young people within government & Ofsted guidelines.
 - Roles also included organising rotas, coordinating staff, ordering equipment online & organising activities for up to 40 plus children.
 - Educational & therapy support for people with additional needs, mainly in Maths, English & music & art therapies using computers & music technology
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SOME OF MY EDUCATION AND QUALIFICATIONS

- GCSE Grade B in Core Science at Varndean College Brighton.
 - TEACHH training course in autism support 2012
 - Foundation Certificate in Art Therapy 2010
 - **2008 – 2010** NVQ Level 3 in Playwork Management 2008-2010.
 - **1994** - Brighton University BA Hons Degree Visual and Performing Arts
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SOME OTHER QUITE INTERESTING THINGS ABOUT ME

I have a Level 1 RHS Certificate with Distinction in Practical Horticulture and as part of my ongoing gardening hobby, have studied part-time a Level 2 RHS Certificate in Principles of Horticulture online.

I've been a musician for many years with recordings released with many different projects, including albums remotely recorded with a band during the lock-downs, which were both released on an American label and also have 2 live BBC radio sessions amongst my musical achievements.

References and Phone Number/Contact details & any other Information Available on Request