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MY PROFILE

I am a graduate of the Makers Academy boot-camp - This is the career change I've been dreaming of, having had a varied background including library services, video subtitling & a previous career in challenging but collaborative work assisting people with learning support needs to facilitate their learning, personal development and creativity.

I am very keen to progress in a new career in coding a- I discovered how fulfilling the learning progress was with coding after working through Chris Pine's Learn To Program Book and completing a Code Academy Ruby course and completing various Code Wars katas. This initial interest led me to joining the Makers course, where I discovered how involving it is to investigate & contribute to code solutions both independently & within a team through peer-programming.

KEEN TO BUILD ON MY KNOWLEDGE OF CODING FUNDAMENTALS

- Since finishing the course phase I have been in the consolidation stage throughout a busy summer and feel I am building a solid grounding in understanding the fundamentals of planning & growing projects in Ruby and Javascript with all the related technology & TDD.

ENTHUSIASTIC & COMMITTED

- I would describe myself as an enthusiastic and committed person who is very keen to learn and develop new skills in the coding field and learn continually from helpful 'errors' & know the joy of breaking through blockers and turning those testing colours from red to green.

LITERATE COMMUNICATOR

- I am a gentle and easy-to-get-along-with person with excellent, literate communication skills & hope to develop those necessary skills within group projects to build well-designed & useful applications.
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THE MAKERS EXPERIENCE

I completed the Makers Academy course in June 2022

I had previously completed Code Academy courses in Ruby, Javascript & started other follow-up courses to help the consolidation process including the Odin Project.

In the course consolidation stage, I have been working to really embed my knowledge and get myself in a position to enter the job market to look for developer roles.

The Makers course helped me to learn with a lot of self-motivated research how to start constructing apps that fulfilled a given criteria from the ground up, from user stories using thorough planning & domain modelling.

- **RESEARCH** - I learnt how to research from a wealth of provided & self-sourced information, and shared those discoveries with others, learning how to differentiate & decipher the necessary methods to help with a project and find methods to work through blockers.
- **COMMUNICATION** - I also drew on previous work experience to ensure the communication was clear within our pairing and project teams and assist in developing good working code with constant check-ins using Slack, Discord & Pop.
- **VISIBILITY** - I learned about following single responsibility principles to make our code clearer and to use debugging, following error messages & making visibility clearer to help the code-base building process.
- **PATIENCE** - Makers laid the groundwork for learning all the fundamentals of incremental full-stack development. I can draw on previous experience having worked with people with learning disabilities when gradually building their knowledge and skills through 'chaining' with patience and sensitivity, to not undermine their skills progress and feel the step-by-step building approach in code has similar parallels.
- **PERSISTENCE** - The course has also left me better equipped to discuss & disseminate from a wealth of information, to find specific methods that can contribute helpfully to projects and help drive a project along. I have the persistence from a previous career to keep trying different methods to find one that works better. While acknowledging this is a very new & challenging world I'm entering, I can't wait to get back to improving and committing more changes to previous & new projects and thank Makers for helping me make this leap.

GITHUB PROJECTS

Name	Description	Tech/tools
Final Makers group project - Seedle https://github.com/david-ewan-campbell/seedle	A one-page React web app with a very pleasing interactive interface to find plants & birds in your location. Pulled live data from APIs using geo-location, that could find local nature data based on your inputted postcode	React, Javascript, Jest, Cypress, HTML, CSS, ESLint, Agile working with Discord, Domain Modelling with Excalidraw, Heroku for deployment
Acebook-metaverse https://github.com/david-ewan-campbell/acebook-metaverse	A Facebook clone built in Javascript that users could make posts on and leave messages and likes of posts, emulating Facebook's look as closely as possible	Javascript, NPM Jest, Cypress, Express, MongoDB/Atlas
Makers B'n'B https://github.com/david-ewan-campbell/makersbnb	A group project to build an Air B'n'B clone in Ruby, with the facility for users to list rooms with a description, price per night & availability. Also gave users wishing to book rooms the ability to register, log-in and reserve rooms	Ruby, RSpec, Gem Bundler, Sinatra, Capybara, PostgreSQL

Name	Description	Tech/tools
Bank Tech-Test https://github.com/david-ewan-campbell/bank-Tech-Test-Javascript	Self-motivated challenge to build a bank app that can be required, instantiated and run in the Node REPL, based on a Makers tech-test challenge. Helped me consolidate course knowledge by going through each planning stage from user stories, build the app via step-by-step testing to make sure all test worked with 100% coverage.	Javascript, Jest, ESLint, Excalidraw for Domain Modelling, Gitignore
Chitter App https://github.com/david-ewan-campbell/chitter-challenge	Makers solo challenge to build a Twitter clone in Ruby with an ability to post the equivalent of 'Tweets' (Peeps) and comment on them	Ruby, RSpec, Capybara, PostgreSQL

MY SKILLS

A long-term ability to deal with challenging situations within a time-frame

- In many of my roles I've had to combine use of technology/catalogue systems within a variety of support situations. Often I've directed someone else or used technology myself to facilitate their development and achieved success in helping grow their knowledge & skills or to help them find a specific item. This supportive interaction has made me a very capable 'team player' and a good observer & listener in pair-programming, while under a time-constraint for a project but also have observed & understand the frustrations where the technology/apps provided don't quite meet the needs of users.

Ability to be organised independently & coordinating within a team

- I've had to be very organised in a lot of my roles, coordinating with a large group of staff while using software to help with organisation. This ability to coordinate and delegate has been within both team and solo situations, where I've had to be resourceful and be motivated, making for successful collaborations. This has helped me with coordinating with others during the course and with learning about incremental project building.

Able to support and facilitate projects successfully, be adaptable and 'keep my cool'

- Years of experience within previous education support & therapy roles, in challenging circumstance I learned to remain calm and focused on a task & in coordination with other team members, while helping those I supported achieve their learning/creative goals. I feel this has given me a firm grounding in working in new & challenging coding situations. During the course we were often grouped with others we hadn't worked with before & had to delegate working through a challenging project, using working styles & tech we hadn't used before and to achieve results quickly, while all being part of the creation of a working and visually satisfying, interactive end product that hopefully fulfilled the brief.

What I hope I can bring to a coding/development situation

Patience/Communication/Coping with Blockers

- Within the Makers course I learnt I can bring the skills of patience and good communication from previous work to a development situation and was able to work on sourcing information about methods that could help further that project and make valuable contributions. In the final project we had a significant obstacle with React on how to pull in API data from inputted postcodes, using state 'hooks', but I helped source a key nugget of information that helped progress beyond this major 'blocker'.

Delegation/Agile Work/Resilience

- I can also take delegation from other team members to focus on a particular aspect of a project and have a willingness to work on something that contributes usefully to team projects as a whole and within quick/agile time-scales. I hopefully showed I could be resilient & supportive and use agile principles to be able to move flexibly between roles and technology and to adapt to new tech' such as using REACT for the first time, but also to discuss and write an inclusive team methodology that made everyone feel supported and part of the success of a project from the outset.

WORK EXPERIENCE

LENGTHY EXPERIENCE WORKING WITH COMPUTERS, CATALOGUING & MAKING FINISHED PROJECTS WITHIN TIGHT DEADLINES

I have a previous background in library-cataloguing, office & computing work & subtitling also in Maths, English education, music and art support/therapy & have effectively used various visual & audio software to support clients & complete projects to deadlines while maintaining the safe input & storage of sensitive information.

FAST RENDERING OF ARCHITECTURAL DRAWINGS & DISPLAYS FOR PROJECTS

- Alan Campbell Chartered Architects (September 2021 – March 2022)

Architectural assistant at family chartered architect firm

I can draw and paint architectural renderings for projects, scan in then add additional colouring & information adjustments, using the Adobe suite. Then print and paste up a display board for project viewing with a quick turnaround.

QUICK TURNAROUND OF SUBTITLES FOR VIDEO PROJECTS WITHIN TIGHT TIME SCHEDULES

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

Video Subtitle Editor using Adobe Suite

I worked remotely editing 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.

ACCURATE UPDATING OF AND MOVEMENT OF TITLES FROM A HUGE LIBRARY CATALOGUE AND KEEPING FINANCES UP TO DATE

- Glasgow Life Library Services (April 2018 – August 2021)

Library services/cataloguing assistant.

I was responsible for maintaining & updating an extensive library catalogue using Open Galaxy management software, working 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.

PREVIOUS CAREER EXPERIENCE

(2001 - 2017)

I previously worked in varied education & therapy support roles for children and adults with additional needs and arts/play space management in London, Brighton and Bath.

SAFE AND SECURE INFORMATION STORAGE AND VERY ORGANISED IN CHALLENGING EDUCATION AND THERAPY SUPPORT

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

- **June 2013** – GCSE Grade B in Core Science at Varndean College Brighton.
 - **2008 to 2013** - Various qualifications in Education & arts/play facilitation support including TEACHH training course in autism support 2012, Foundation Certificate in Art Therapy 2010 and NVQ Level 3 in Playwork (Management) 2008-2010.
 - **1994** - Brighton University BA Hons Degree in Visual and Performing Arts
 - **1990** - Art Foundation Certificate at York Polytechnic
 - **School/6th Form Results - Bridlington School/Scarborough Sixth Form College - 1987/1989** - 2 A Levels in Art & English Literature at grades B & C and 6 O Levels/GCSEs in Art, English, Maths, Geography, French & Photography at grades A, B, C, B, C & A
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SOME OTHER QUITE INTERESTING THINGS ABOUT ME

- As part of a long-term gardening hobby I achieved a Level 1 RHS Certificate with Distinction in Practical Horticulture at Glasgow Botanics & since 2019 have studied a Level 2 RHS Certificate in Principles of Horticulture online in my spare time.
- I have been a musician for many years and have recordings released with many different projects, including an album I helped record remotely in lock-down, which was released on an American label last year on every format, even vinyl and good old analogue cassette and also have 2 BBC radio sessions amongst my musical achievements.

References Available on Request