

Patrick Sawyer

07506 697 659

patrick_sawyer@hotmail.co.uk



disco-computer.com github.com/Patrick-Sawyer/CV

Introduction

Knowledge and experience of the following technologies:

- JavaScript, React, jQuery
- Ruby/Rails
- TDD
- CI/CD, Git workflow
- HTML & CSS
- AWS

I am a self-starter having taught myself to code from scratch over the past two years, and am now looking to begin a new career as a Junior Web Developer.

After successfully creating various programs on my website disco-computer.com, I completed the MAKERS intensive coding bootcamp. I was able to expand my skills and learn how to develop in a more orthodox and disciplined manner.

I have learnt many aspects of development vital to working on large scale projects such as test-driven development, object-oriented programming and git workflow. I am eager to learn more and want a job that utilises my current skillset whilst continually teaching me new technologies.

I have been working at moving over to web development for a few years and am now ready to hit the ground running and forge a successful career as a coder. I enjoy the challenge of learning and working on projects through to completion. I have built many projects both on my own and in groups, and now want to start working in a professional environment.

Currently I am fluent in JavaScript (including React, jQuery), Rails/Ruby and relevant testing frameworks. Long term I intend to learn other languages e.g. Java/Kotlin, so I can create Android Apps, C++ so I can create plug-ins for music software and C# so I can create games using Unity.

MAKERS Makers Academy Bootcamp 2020

12-week intensive full-time full-stack web development course, with workshops, self-led projects, pair-programming and group projects with constant code reviews.

- OOP, TDD, MVC, BDD
- Agile workflow
- JavaScript, React, jQuery
- Ruby, Rails, Sinatra
- Jasmine, Jest, Cypress, RSpec, Capybara

Patrick Sawyer

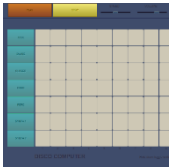
07506 697 659

patrick_sawyer@hotmail.co.uk



disco-computer.com github.com/Patrick-Sawyer/CV

Projects



Disco Computer

A retro drum machine with a simple programmable synth section.

Since starting to learn to code I have been pushing myself to learn as much as possible. I have always had a strong interest in music production and wanted to create online apps that could be used to create music. Within two months of beginning to learn HTML I created an online drum machine.

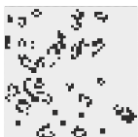


Synthe-Scheisse - personal favourite

An analogue modelling synthesizer - optimised for use in Chrome.

A few months later I created a fully functional synthesiser using Web Audio API. The most complex part was linking all the parts of the synth together so that the app behaved like a real synth. I didn't want to create something only capable of creating flat, bland sounds and so added many interlinked modulation features to create a synth capable of making more rich, complex sounds. A website that collates online synths has kindly added my synth to their collection, increasing exposure of my website.

More examples of coding



Conway's Game of Life

Showcasing cellular automation.



Tetrominos

A new version of a classic game.

Some projects are also unit-tested and feature-tested. To see examples of projects featuring testing please see my Github CV. Here you can also see my other solo projects and projects I worked on with others during my coding bootcamp.

disco-computer.com github.com/Patrick-Sawyer/CV

Patrick Sawyer

07506 697 659

patrick_sawyer@hotmail.co.uk



disco-computer.com

github.com/Patrick-Sawyer/CV

Experience



Live Transmission Operator and Transmission Lead

November 2009 to date

Discovery Channel / Eurosport,
London

- Setting up and maintaining playlist continuity on multiple TV channels during live broadcasts.
- High technical knowledge of broadcast systems and software. Always fast to learn new systems.
- Assuring channels adhere to OFCOM regulations.
- First line of support for services and equipment; time-critical troubleshooting and resolution.
- High-pressure environment.

Education

Music, Commercial Composition & Technology – 2006

Bachelor of Science: 2:1 Honours
University of Hertfordshire



In year nine at secondary school I achieved the highest result in a school-wide maths challenge. This was above all 300 pupils in year nine as well as all 300 pupils in year ten; I went on to gain an A* in GCSE maths. I believe a natural ability in mathematics is fundamental to being able to code.

Music

I have always had a passion for music having studied piano up until grade 8 and studied Music, Commercial Composition & Technology at University.



Personally produced electronic music.

soundcloud.com/patricksawyer/popular-tracks

Thank you for taking the time to read through my CV. It would be great to speak to you further about what I can offer you and your company.

Best wishes,

Patrick

Patrick Sawyer
07506 697 659