

Darren Eggenschwiler
Video Marketing Producer, Blockchain Engineer
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Summary

A mix of creative thinking, technological expertise, and driven character with a background in business management, engineering, video production, marketing, cinematography, animation, and web development.

Computer Science Experience

Instagram scraper in python

I have been the back end dev of a small international dev team since April 2017, we are putting together a web app for tracking instagram likes and comments.

I implemented Microsoft's Azure Computer Vision API to give us contextual data on which type of image was getting the best results, and organised the data structure for a fellow front end developer to use with Tableau.

Animated bank account disclosures version control and project management app in python

I build a program for managing a difficult project with changing script sections due to shifting financial regulations. The program is designed to calculate cost of updates which depend on the number of words changed and whether new animations are required, and produce colour coded status reports and invoices.

(private github repo)

Diamond finder in python

I built a scraper with BeautifulSoup in python which found the ideal diamonds (By mathematical comparison of their metrics and various custom quality filters) in Mappin&Webb's database by using Google chrome's dev tools to grab an ajax link which lead to the whole backend list of available diamonds, as I was looking for a ring to present my girlfriend at the time. (She said yes!)

Blockchain in java

I worked through the book: Java 21 days and passed the Princeton Course which involved making one's own blockchain essentially, so I have a fairly robust understanding of how cryptos work code side, and have also done extensive economics research over the years to better understand the underlying value principles.

Price Estimator in javascript, jquery, and css3

I put together the front end of Production Attic's original price estimator which opened up a new market of low cost video production for Glasgow's SMEs. All php back end - I built parts of the php and mysql back end, along with a colleague.

Technical Assistant, C++ Developer at The University of Glasgow

May 2008 - August 2008 (4 months)

Face detection and averaging and machine learning in C++

Video Marketing Experience

Technical Lead at Brand Calibre

May 2017 - Present

A flexible position which involves solving technical problems, project management, cinematography, animation, operations development, sales, web development, and video marketing creative direction.

Sales Experience

Account Manager & (later) General Manager at Makemeafilm.com

May 2015 - April 2017

The role encompassed strategy development, pre-production, filming, post production, animation, colour grading, buying and maintenance of equipment to ensure our content was of an industry leading standard, as well as web development. As an Accounts Manager I sought and maintained good working relationships with local businesses to develop marketing strategies and implement them effectively.

Management Experience

Co-founder & Technical Director at Production Attic

April 2011 - April 2015

As Technical Director I oversaw the image making process from equipment selection, to colour grading. I implemented equipment repairs, and general maintenance of IT and electrical equipment within the office. During client and director meetings I acted as a problem solver, finding solutions which covered the clients needs while keeping within their budget. I maintained favourable relationships with a number of specialist equipment suppliers in Glasgow and London.

As a Company Director, I offered my technical expertise in developing our business strategy. I brought a background in Graphic Communication and self taught Web Development to board meetings, helping develop the client side services and maintained the brand. My solid foundation in engineering gave me a unique view on emerging technologies, quickly determining their viability and how best to implement them to provide value to clients.

Station Controller at Glasgow University Student Television

August 2008 - July 2009 (1 year)

Managing a team of editors to produce weekly, biweekly and monthly programmes of student interest for web and campus distribution. As live TV studio experience. In earlier years, I was a contributor, arts editor, and broadcast editor.

Education

University of Glasgow B.Eng.

Audio and Video Engineering 2006 - 2010

Psychology of Perception, Image and Data Processing in C, Audio filtering in C, Basic programming for 8086 chips in Assembly.

Princeton University on Coursera

Bitcoin and Cryptocurrency Technologies, Blockchain Tech in Java 2017

*Economics and computer science behind blockchain and other cryptocurrencies.
10 week course passed.*

Codecademy

Learn Python, Learn Java, Learn Git 2017

All courses passed with ease in a few days.

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<https://github.com/deggeschwiler>