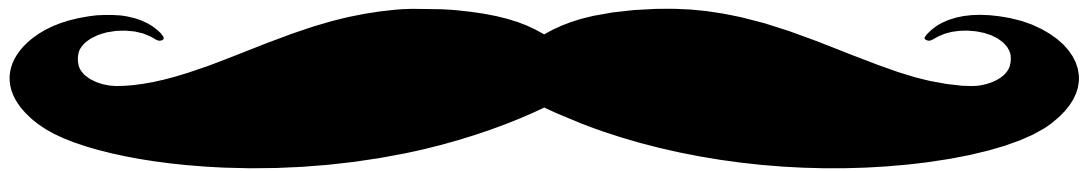


# CONOR SINCLAIR

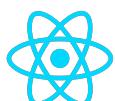
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✉ CONOR@SINCLAIR.SOFTWARE

C-SINCLAIR



## AREAS OF EXPERTISE



## HIGHLIGHTS

- ★ Developed the UI for an encryption application in use by Disney, HBO & Amazon Video
- ★ Designed & deployed an appraisal system to multiple GP practices across the South West
  - ★ Crafted iOS & Android versions on an app for home insurance engineers
  - ★ Educated & managed a team of 4 university placement students
  - ★ Engineered a realtime video scheduling application

## CAREER HISTORY

DST

LEAD SOFTWARE DEVELOPER

JAN 20 - PRESENT

- Appointed into DST to build the software arm of the company
- Built a team of four full time placement students from Cardiff and Swansea Universities
- Trained team on Javascript, React & NodeJS from scratch, advocating Test Driven Development as a fundamental key to clean coding and best practices
- Educated key figures in the company on how software is engineered, best practices around development, tools & infrastructure
- Invited by Cardiff University to attend as a guest lecturer and facilitate workshops

 FORTIUM

WEB & APPLICATIONS DEVELOPER

JAN 20 - PRESENT

- Joined frontend team to redesign a legacy encryption desktop app into a modernised technology stack used by Disney, HBO & Amazon Video
- Implemented a React & Redux powered SPA, mounted into QtWebengine, allowing for direct communication with C++ layer
- Promoted the crafting of a clean modern end user experience, focusing on user flow & expressive feedback
- Championed the adoption of Typescript, achieving our complex state management goals & acting as a guard rail for errors
- Applied Material UI as the component library, serving well for the initial development phase
- Rewrote large portions of the base components from the ground up as the ideas, use cases & requirements changed
- Worked between desktop C++ & backend Java team, ensuring clear communication pathways were achieved ensuring efficiency



## SOFTWARE DEVELOPER

JUNE 18 - JAN 20

- Lead Developer presiding over a number of major, vastly varying projects
- Started bimonthly developer discussions, pushing the team to participate and get passionate about our code
- Hosted and showcased to the company, new technologies as well as ideas from myself and less confident colleagues
- Responsible for training new members of staff in the company's coding style and Git workflows
- Formed new procedures, often centred around Git, to maximise developer efficiency
- Pitched the Kubernetes cloud server infrastructure to management, gained approval, and worked with developers across the company to move all 150 existing applications onto the new server solution
- Planned and orchestrated a production build pipeline using GitlabCI and Weave
- Designed and implemented a PHP environment for use whilst projects are in development
- Crafted an Android app for a client in the insurance industry, then used these best practices to outline a specification for how we should design apps on this platform going forward
- Worked with team members to maintain and update legacy code to new higher company standards

## PRE-TECH CAREER HISTORY



WAREHOUSE SUPERVISOR  
JULY 16 - JUNE 18



CUSTOMER SERVICE TEAM MEMBER  
JAN 16 - JULY 16



RECORD SHOP ASSISTANT  
OCT 13 - JAN 16

## EDUCATION



I completed the first year of a chemistry degree at the prestigious University of Bristol. However, I realised that I do not want to pursue a career in science and therefore I did not return to complete the course.



A Levels

Mathematics A\* Further Mathematics: B  
Chemistry: A Biology: A



GCSEs 7x A\*  
5x A

## PERSONAL PERSUITS

Coding in new languages, new paradigms and on new platforms always inspires me. I find it hugely rewarding to look into something I have never utilised before, or an aspect of a technology I have yet not explored.

I live for that feeling of awe when a barrier is finally broken through and a newfound understanding is gained. I believe this makes coding the perfect vocation for me.

Aside from coding, I am a digital musician. I have performed my unique blend of drum loops and audio soundscapes at festivals, nightclubs and even on a boat.

I regularly record podcasts and I also write and star in comedy sketches.