

THOMAS COCKAIN

16 Cantelupe Road, Haslingfield, Cambridge CB23 1LU
07709 808206
tomcockain@gmail.com

Summary

Seeking an entry-level graduate position in software development.

Education

MSc Computer Science (Conversion) – Merit, University of Bristol 2020 – 21

BSc Chemistry – 2:1 (Hons), University of East Anglia 2016 – 19

A and AS levels – Hills Road Sixth Form College, Cambridge 2014 – 16

A levels: Chemistry (B), Maths (B), Biology (C)

AS levels: Physics (B), Extended Project Level 3 (B)

GCSEs – Comberton Village College, Cambridgeshire 2009 – 14

Maths (A*), Further Maths (A), Art & Design (A*), Chemistry (A), Physics (A), Biology (A), English Language (B), English Literature (B), Spanish (B), Geography (B), ICT (merit).

Technical Experience

Personal webpage

<https://tomcockain.github.io/> using React and JavaScript ES6.

Public source code

<https://github.com/tomcockain>

MSc Individual Project (Distinction)

Created a single-page web app multiplayer quiz game that accesses each player's Spotify listening data, generates questions, displays images of album covers and music snippets of tracks, prompts for a group answer, and then generates a score. Developed using a MEAN stack framework (MongoDB, ExpressJS, AngularJS and NodeJS). Front end was coded in Typescript, backend using HTML requests to the Spotify Web API and a MongoDB database was used for storing questions. Application was deployed and run using Docker containers and stored in GitHub.

MSc Group Project (Distinction)

Learned how to work in a team to produce a single-page web app, to use GitHub for source control and to work iteratively in sprints.

MSc coursework

Programming in Java, C and assembly language. SQL, HTTP, REST, HTML, CSS and Unix.

Personal projects

Projects built to practice using a React framework, JavaScript ES6 and CSS using Styled Components.

Employment

Graduate IT Support Consultant, Bridge Partners, Cambridge	Sep 19 – May 20
Working in IT support after my Chemistry degree gave me experience in Windows systems administration, how to communicate with clients, and how to manage and prioritise my workload. The role motivated me to pursue a qualification in Computer Science.	
Catering Assistant, Maize Maze, Cambridge	Aug 18
Stock Associate, Hollister, Cambridge	Jul – Aug 17
Technician, General Information Systems, Cambridge	Sep 16

Unpaid Work Experience

Cancer Research UK Therapeutic Discovery Laboratories, Babraham Research Campus	Jul 18
Technical Assistant, Eltek Limited, Haslingfield	Jul 13

Interests

Self-taught piano and guitar. Clarinet to grade 7. Online chess. Swimming.