

Carl Ansell

Software Developer/Data Engineer

✉ cv@carlansell.co.uk

📍 West Midlands

🌐 carlansell.co.uk

🌐 qubitsandbytes.co.uk

🗨️ [@carlansell94](https://twitter.com/carlansell94)

📺 [@qubitstech](https://www.youtube.com/@qubitstech)

An accomplished software developer with a passion for technology, proven problem-solving skills and a strong work ethic. I have experience working with a range of programming languages, with web-based languages in particular featuring heavily in my earlier employment. With a record of accomplishment of driving innovation and a keen eye for detail, I am an ideal candidate for a software developer role.

Skills

Team Player

I can work effectively in a team, providing support for other team members and working towards a cohesive working environment. My progression to a senior team member in my previous employment is evidence of this. I played an important role in documenting processes and communicating issues to team members when identified. My award-winning university project is also a testament to my team working ability.

An Eye for Detail

In my role as a Senior Data Analyst, spotting issues and responding effectively proved crucial. With multi-million-pound contracts relying on my output, being proactive and analytical in my work ensured customer satisfaction. My eye for detail helped push the department forward, with an increase in data meeting the highest quality standards almost tripling – despite requirements becoming more stringent.

Technical Knowledge

A deep technical understanding of our software stack was vital in my previous role, bringing several systems together effectively. My understanding of industry best-practices aided in providing a methodical structure to the department, smoothing interactions with other teams. Knowing our requirements and having the knowledge to map out effective solutions befitting our technology stack proved measurably beneficial.

Programming:

- | | | |
|----------------------|-----------|----------------|
| • HTML/CSS/JS | • PHP | • Python |
| • React/React Native | • Node.js | • MySQL/Oracle |
| • MongoDB | • Rust | • SQL/MariaDB |

Administration:

- | | | |
|-------------------------|----------------|-----------------|
| • Linux (Gentoo/Ubuntu) | • Nginx/Apache | • Git/GitHub |
| • GitHub Actions | • Docker | • Wordpress CMS |

APIs:

- Yahoo Finance
- PayPal
- APILayer
- Transport for West Midlands (TfWM)
- eBay
- Google Chrome Extensions

Education

MSc Advanced Computer Science, Birmingham City University: 2023-2024

- Expected graduation: January 2024
- Expected grade: Distinction (Current average score of 80)
- Aiming to have at least one written document published in an academic journal

Computer Science, University of Warwick, Coventry: 2013-2016

- Graduated with a Bachelor of Science with Honours
- Created an award-winning software engineering project for Deutsche Bank
- Recipient of a scholarship due to academic achievement

Sandwell Academy, West Bromwich: 2006-2013

- 4x A Levels and 17x GCSEs, including A* in Maths, Sciences and IT
- Won several awards for academic success, particularly in maths and IT

Employment

Hayley Group Limited, Halesowen

Promoted to Senior Data Analyst/Developer: 2018-2021

- Created and maintained SQL queries to interact with data and maintain data integrity
- Liaised with the IT department on system requirements and development of back-end infrastructure
- Aided in the integration of company infrastructure, including ERP/Master Data/B2B/B2C systems
- Assisted with the design, development strategy and testing of the company B2B and B2C platforms
- Created documentation through internal systems to support colleagues and enforce data consistency

Data Support: 2017-2018

- Maintained and improved data quality in the company's ERP/master data systems
- Handled data support queries from across the group

Extra-Curricular

- Former volunteer at the West Bromwich and District YMCA - received a community service award
- Former mathematics student mentor