

Lewis King

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EDUCATION

ASTON UNIVERSITY

September 2015 – July 2019

BSc Computing Science: First Class with Honours

Modules included:

- Final Year Project (Dissertation)
- Group Project
- Software Project Management
- Advanced Database Systems

BIRMINGHAM METROPOLITAN COLLEGE

September 2013 – July 2015

Level 3 Extended Diploma in IT: Triple Distinction Star (D*D*D*)

Modules included:

- Software Design and Development
- Database Design
- Website Production

BISHOP VESEY'S GRAMMAR SCHOOL

September 2007 – July 2013

11 GCSEs A*-B including:

- AA in ICT (double award)
- B in Mathematics

EMPLOYMENT HISTORY

RS CONNECT

Software Developer

July 2014 – Present

Created C# applications for automation and improve staff efficiency. Generated XML files from the result of SQL queries inside these apps to improve data readability for staff. Communicated with clients to create web services and system integrations. Maintained and solved issues for staff on the MSSQL database using SQL Server Management Studio. Solely responsible for the data transfer of over 10 million records from a legacy system to a new database. 2.5 years full-time, and 2.5 years part-time employment alongside college and university.

Developer

June 2017 – September 2018

Followed a scrum (agile) methodology in a team to complete tasks based on stakeholder priorities assigned on Trello, incorporating Test Driven Development with Node.js to deploy microservices across Amazon Web Services. Included daily stand-up meetings, communication over Slack and paired programming. Full-time placement for 15 months as part of the BSc Computing Science degree.

OTHER WORK EXPERIENCE

One week's voluntary work in the Acorns Charity Shop.

June 2013

Two week's work experience at Rolls Royce and Tesco

July 2010

TECHNICAL KNOWLEDGE

Coding	Experience (/5)	When/What Project?
C#	4	Since 2014, created windows applications at RS Connect to interface to the SQL database with SQL commands. Used Unity and C# for university dissertation to create a virtual human personal trainer chatbot.
SQL	4	Since 2014 with projects at RS Connect, and database maintenance using SQL commands.
JavaScript	3	Since 2016, used JavaScript and Node.js at RS Connect to create distributed services on AWS. Used JavaScript on personal website.
HTML / CSS3	4	Since 2015, used HTML and CSS for university projects. Also used this on personal website.

Source Control	Experience (/5)	When/What Project?
Git	3	Since 2016, used Git Bash for group project coursework at university. Also used at RS Connect for JavaScript/Node.js projects.
GitHub	4	Since 2016, used GitHub to store notable personal and group projects, and also projects at RS Connect on a separate business account.

Methodologies	Experience (/5)	When/What Project?
Agile / Scrum	4	Since 2016, followed Agile/Scrum principles for projects at RS Connect, and all projects at university.
Test Driven Development (TDD)	4	Since 2017, used TDD for JavaScript/Node.js projects at RS Connect, with continued use in final year C# coursework submissions at university.
White box Tests	3	Since 2019 through using condition coverage for C# university projects..
Black box Tests	3	Since 2019 through using decision tables for C# university projects.
User Acceptance Testing (UAT)	3	Since 2018 with projects at RS Connect. Continued use in all university projects.

OTHER

Driving

Have a full and clean UK driving licence. Passed the driving test in April 2014 and currently have 5 years NCB with no previous claims or convictions.