

DANIEL MCGARRITY

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Computer Science graduate with experience in several programming languages and technologies, looking for a graduate entry position in software development or cybersecurity.

EDUCATION

2017 – 2020

BSC COMPUTER SCIENCE, UNIVERSITY OF LEICESTER

Achieved a 1st Class Honours. Final year modules included *Foundations of Cybersecurity*, *C++ Programming*, *Analysis and Design of Algorithms*, *Software Measurement and Quality Assurance*. Final Year project involved researching and developing simulator tools for cellular automata.

2012 – 2017

REPTON SCHOOL

GCSEs – 10 at grades A*-B.

A Levels – A, B, D in *English Literature*, *Economics* and *Mathematics*, respectively.

SKILLS

- **Programming Languages:** Java, C++, Haskell, Python, HTML, CSS, JavaScript, Prolog, Groovy.
- **Familiar Technologies:** SQL, Spring Framework, Continuous Integration, JUnit, Gradle.
- **Other Technical Skills:** Agile project management techniques, understanding of cryptography and cybersecurity fundamentals.
- **Examples of Recent Projects** can be found at <https://github.com/dm401/Past-Projects>

EXPERIENCE

JULY 2017

E-LEARNING PROJECT DEVELOPER, KUDOS E-LEARNING

Worked on developing e-learning projects with multiple industry veterans, learning the core principles of front-end design.

AUGUST 2015

SOFTWARE TESTER, PSICLONE GAMES

Worked with an experienced software tester at the firm, employing several software testing techniques to assure the quality of software used for virtual slot machines.

ACTIVITIES

- Frequently participated in Capture the Flag (CTF) events, including a 1st place finish at a BAE Systems CTF event.
- Was a member of my school's debate team, frequently competing in university ran inter-school debate competitions.
- Over a decade's experience playing percussion and drum kit, including entering several external competitions with school music groups.