

# Dan Farmer

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## Curriculum Vitae

### Education

2018–2021 **Bachelor of Computer Science**, *Bangor University*, North Wales.

Thesis: Simulating virus spread in a closed environment  
Using unity and AI agents

2011–2018 **Sixth form**, *Mold Alun*, North Wales.

C in Mathematics  
C in Computer Science  
C in Physics

### Bachelors Thesis (in progress)

Title *Simulating virus spread in a closed environment*

Supervisor Dr. P. D. Ritsos

Description This thesis explores the efficacy some of the preventative measures that we have seen put in place in 2020 to reduce the spread of the Covid-19 virus

### Experience

#### Miscellaneous

2019–current **Bar Uno**, *Bangor*.

Along side my University studies, I have also been working part time in the student bar, this has been crucial in helping me build time management skills as well as independent work as I would often work through my Lecturers' open hours so would often have to find a solution on my own

### Computer skills

Basic PYTHON, C++, Unix, X3D

Intermediate L<sup>A</sup>T<sub>E</sub>X, JAVA, HTML, JavaScript, C, C#, MATLAB, SQL

### Interests

- Playing Guitar
- Walking
- Cooking
- Live Music

### Publications

R. L. Williams, **D. Farmer**, J. C. Roberts, and P. D. Ritsos, "Immersive visualisation of COVID-19 UK travel and US happiness data," in Posters presented at the IEEE Conference on Visualization (IEEE VIS 2020), Virtual Event, 2020.

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