

Hannah Knight

Contact

Location: Derby, England, United Kingdom

Email: hannah@camelot-castle.net

Personal Statement

I am a passionate computer games programmer and player. I am someone who has been coding since high school but have used programs such as scratch in primary school. I am currently studying computer games programming at undergraduate level and seeking a job in the computer games industry.

Education

2022 – current BSc(H) Computer Games Programming – University of Derby

Year 1 results

Programming I – 80%
Foundation of Computer Science – 74%
Computational Mathematics – 64%
Introduction to Computer Science – 60%
Programming II – 58%
Networking Fundamentals – 58%

2020 – 2022 – BTech/ 'A' levels – City of Stoke-on-Trent 6th form College

Computer Science A level – 'A' grade
Digital Games Design BTech– Distinction* / Distinction*

Modules:

- Media Enterprise
- Responding to a Commission
- Digital Games Production
- Concept Art for Computer Games
- 2D Animation
- Games Testing
- Digital Media Skills
- 3D Modelling
- 3D Environments
- 3D Digital Animation

2015 – 2020 – Madeley School, Staffordshire

Mathematics – Band 6
English Language- Band 6
English Lit. - Band 5
Computing – Band 5
German – Band 4
Science – Band 6 and 5
Art – Band 5
Geography – Band 4

Enterprise Academy Entry Level Certificate in Business and Enterprise

Modules:

- Introduction to the sporting organisation
- What is a business
- Communicating objectives
- Customers
- Customer records
- Customer service and complaints
- Products and services
- Advertising
- Publicity and providing information
- Steps to success

Skills

Programming

I am competent in programming with a range of computer languages including – Python, JavaScript, PHP, HTML, PostgreSQL, C#, C++.

Project Work

I have made games like retro space shooters for Digital Games Design Btech. I made a website for my A level project that displays more detailed statistics and data comparison of someone's Steam (a video game distribution service) profile using its api. The project was using a Postgres database, php server-side coding and JavaScript client-side coding. I'm interested in having projects that challenge me and help me to develop new skills.

Organisation and Time Management

My attendance at college is 100% other than being ill for one week and I have attended every lecture at university possible. I have also turned up to optional classes as I think it's important to take these opportunities for extra learning. All my assessed work from university and college has been submitted on time showing that I can manage my time effectively to get the work done in the time given.

Problem Solving

I like to choose projects that are interesting, challenging and different. I like to choose projects that require me to learn new skills and that allow me to come up with my own answer to it rather than look up a tutorial that has the whole answer. Programming is enjoyable to me for its problem-solving aspect.

Teamworking

I am an enthusiastic team member and have a positive attitude to group projects. I enjoy the team collaboration as it allows me to contribute and learn from the rest of the team.

Work Experience

March 2023 Hackerthon with Rolls Royce

During the enrichment week Rolls Royce did an event within the university to make a game in unity that meant their brief. Another student and I worked together to create a game that challenged our skills as neither of us had used unity before and were also new to c#. By the end of the week, we had a platformer that worked with mechanics such as a lift that smoothly moved the player up and down. We won the most improvement award for our game.

2023 – current Volunteer – Simply all Sorts Choir

I have helped with two concerts, so far, with lights and sound. This means I have had to help setting up microphones, all the background lights, etc. After the concert I then help pack it all up to go back to where it is stored.

June 2020 Volunteer - Betley Amateur Theatrical Society (B.A.T.S) – Sound

I had to help with sound and music for the B.A.T.S anniversary event where we were on a field with various stands. My role was to set up the speakers and microphones on the sound desk and, if something were to go wrong during the event, to fix it. All equipment was being learnt from All Saints Madeley Church and the event was soon after the service in a different village, so I and the other volunteer had to quickly pack all equipment after both volunteering at the service and bring it the field for the B.A.T.S meaning I can work under a time pressure.

June 2019 Keele University Medical Faculty – IT Support Technician

For a work experience week, I assisted the Faculty of Medicine and health sciences IT team at Keele University. I was involved in upgrading server hardware and setting up a new PC for learning.

2019 - current Volunteer - All Saints Madeley - Church Service Tech Support

My volunteer roles for the church have changed over the years starting from working with a team where we would have to manage the sound for organs, pianos, etc and for people speaking. While also have words displayed on screen projectors for lyrics for hymns, readings and words for congregation to repeat back. Since then, because of Covid we have set up live streaming for the church which can be viewed on Facebook as it's where most of our congregation have in terms of social media. We have also had younger members that wish to help where I have had to teach them while the service is going on as well as monitoring the service so I can tell them what we need to do next.

2018 –2019 Madeley School – Peer Mentor

I was one of the peer mentors that would help the year 7s, at Madeley School, to adjust to being in high school. For example, they could come to the peer mentors to ask questions if they didn't feel confident enough to talk to a teacher. Another part of the role was every week to support the year 7s with their reading.

References available on request.

Personal details

As well as computer gaming, I also enjoy photography and editing. I have for the church youth group edited videos for them as they wanted to perform the nativity and David and Goliath, but Covid prevented them doing it together. So, I was asked if I was able to edit clips that were filmed at each youth group member home to a complete video telling these stories. I have in my free time done some puppeteering with other people as well, using hand puppets and ventriloquist style puppets.