

RHYS LLYWELYN DAVIES

I am a 23-year-old Computer Science student with a focus on C# and Web technologies. I am keen to explore different fields within Software Development and Computer Science and always excited to learn more about a given field. Currently, I am looking for Graduate Schemes or full-time permanent work to begin mid July, after I have graduated.

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10 Stad Ty Croes, Llanfairpwllgwyngyll



EXPERIENCE

Front of House/Waiting on Staff

Four Crosses Inn

March 2019 – February 2022 Menai Bridge, Isle of Anglesey

- Handling the taking of food and drink orders from customers
- Ensuring customer satisfaction
- Providing food and drink recommendations to customers
- Bringing out food to customers
- Taking and fulfilling dessert orders
- Answering the phone to take bookings
- Being responsible for the other members of the waiting on team, including helping with designating tasks and organising workflow
- Dealing with customer feedback and complaints and ensuring the information is provided to the necessary department

Coding Experience (Academic)

Coding Languages, Markup Languages, Compilers, Word Processing Software etc.

Skill: Year(s) of Experience United Kingdom

- | | |
|-------------------|-----------------------|
| • C++: 1 | • Visual Studio: 3 |
| • C#: 2 | • Eclipse: 1 |
| • Unity: 2 | • Python: 0.5 |
| • Java: 1 | • Microsoft Excel: 3+ |
| • JavaScript: 0.5 | • MySQL: 1 |
| • HTML5: 2 | • Arduino.cc: 0.5 |
| • CSS: 2 | • Python IDLE: 0.5 |
| • LaTeX: 3 | • Microsoft Word: 5+ |

VOLUNTEERING

Youth Club Volunteer

Llanfairpwllgwyngyll

2015 – 2016

Helped out in my local Youth Club, directed activities for the children to participate in during the sessions.

LANGUAGES

English ● ● ● ● ●

Welsh ● ● ● ● ●

German ● ● ● ● ●

EDUCATION

B.Sc. in Computer Science

Bangor University

Sept 2019 – Ongoing

A Levels

Ysgol David Hughes, Menai Bridge, Isle of Anglesey

September 2015 – August 2018

- Chemistry: A
- Physics: B
- Mathematics with Mechanics: C
- Advanced Welsh Baccalaureate: Pass
- Welsh Baccalaureate Skills Challenge: C

GCSEs

Ysgol David Hughes, Menai Bridge, Isle of Anglesey

September 2014 – August 2015

- Chemistry: A*
- Physics: A*
- Biology: A*
- Mathematics: A*
- History: A*
- ICT: A
- English Language: A
- English Literature: A
- Welsh Language: B
- Welsh Literature: B
- German: B

UNIVERSITY MODULES STUDIED

First Year

📅 September 2019 – August 2020

- ICE-1001: Professional Perspectives. Group project and reports using LaTeX.
- ICE-1111: Imperative Programming Fundamentals. Introduction to using C.
- ICE-1101: Object Orientated Programming. Introduction to Java and object orientated languages.
- ICE-1221: Mathematics for Computing. Graph theory and matrix equations.
- ICE-1411: Web Technologies. Using HTML, CSS, and JavaScript to create websites.
- ICE-1501: Computer Architecture and OS. How a computer works from an engineering standpoint, use of Arduino.
- ICE-1601: Database Systems. Using MySQL to create and interact with Databases.

Second Year

📅 September 2020 – August 2021

- ICE-2002: Industrial Projects. Group software development project.
- ICE-2101: Business and Enterprise Programming. Using Java and MySQL to create back-end for enterprise websites.
- ICE-2103: User Experience and HCI. Theory behind choices in both creation of websites and products and their marketing.
- ICE-2201: Data Structures and Algorithms. Theory behind algorithmic efficiency and how to determine which algorithms work best in a given situation.
- ICE-2401: Computer Systems and Networks. Theory involving networking alongside a project involving IoT devices and their use.
- ICE-2701: AI and Game Development. Developing a game and implementing an AI character within the game.

Third Year

📅 September 2021 – August 2022

- ICE-3001: Individual Project. Final year dissertation, my title: "Procedural Content Generation In Role-Playing Games".
- ICE-3002: Research Methods. Techniques on how to perform academic research properly while doing the final year project.
- ICE-3101: Software Engineering. Theory behind the use of both traditional and agile methods in software development and development lifecycles.
- ICE-3501: Internet of Things. Using Arduino and Grove Kits to create an IoT enabled device to broadcast data onto The Things Network.
- ICE-3701: Machine Learning. Algorithms for machine learning and neural networks, data science and visualisation using Python.
- ICE-3702: Advanced Game Development. Creating graphical, interaction, and gameplay showcases as well as understanding the theory behind development choices such as camera setting, lighting, and shadows.

INTERESTS

- History: Since I was a child I've always had a keen interest in historical periods including Classical, Medieval and Industrial periods, and both military and scientific history from those periods. I have always sought to cultivate my passion of history by reading or watching documentaries based on historical stories.
- Gaming: Gaming for me has always been a way to sharpen my problem solving and critical thinking skills, I am primarily interested in strategy games, but also have a fondness for RPG and story-telling games.
- Finance: A much more recent hobby of mine has been investing and taking an interest in the Stock Market, I am always keen on learning how to make my money work for me and reach a state of financial independence.
- Collectible and Trading Card Games: For about 6 years I have been an avid player and collector of the card game Magic The Gathering and enjoy the creativity of creating decks and working out synergies between cards, I believe this has helped me cultivate a mindset where I am able to identify a big picture and connect aspects of something to something else.
- Walking: I currently own a 5 year old Border Collie named Gelert, named such because of the dog of Welsh Prince Llywelyn the Great, and I enjoy taking him on walks around the countryside, whether it be on the beach, or through hills and fields.