Conor Harkin

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Letterkenny

Personal profile:

Second year student studying Software Engineering at Queen's University Belfast, my current priority is seeking an opportunity to gain more practical experience through an internship. I especially enjoy team based work and aim to gain new practical experience working on real world problems.

Education:

BEng Software Engineering in the School of EEECS at Queen's University Belfast
September 2022 - May 2026

Relevant Modules:
- Object Oriented Programming (Obtained a First)
- Procedural Programming (Obtained a First)
- Databases (Obtained a 2:1)
- Introduction to Cyber Security (Obtained a 2:1)
- Fundamentals of Maths for Computing (Obtained a 2:1)
- Computer Architecture (Obtained a First)
- Software Engineering and systems development (ongoing)
- Data Structures and Algorithms (ongoing)

Pobalscoil Chloich Cheannfhaola 2017-2022
- H1 Design and Communication Graphics
- H1 Engineering
- H1 Construction Studies
- H2 Math
- H3 English

Technical Skills:
- Java
- C++
- Familiar with MySQL
- Understand threats and risk management relating to software
- Excellent problem solving ability

University / Personal Projects:
- Final end of year Java project. Designed and implemented an interactive Java application with UML, capable of managing data on library books, helping to reinforce concepts of polymorphism and inheritance within an application.
- Produced a database from a given schema. Used MySQL for creation of tables and extraction of data to answer specific queries.
- (Personal Project) Created in Java a console based Tic-Tac-Toe game to play with friends.

- Ongoing group project set by Engineers without Borders. I'll be working closely with others through GitLab to identify and tackle a large-scale, real world issue.

Technical Practicals:
- Fundamentals of Maths for Computing, utilized custom software VDMLab to answer programmed math queries.
- Programmed MySQL queries to develop and manage relational databases.
- Object Oriented programming problem solving through Java.
- Pair programmed Python scripts to demonstrate cryptography which deepened understanding.

Other Relevant Skills:
- Strong communication/teamwork skills. Collaboration skills.
- Excellent time management. Capable of consistently meeting deadlines.
- I enjoy problem solving. Perseverance when challenged.
- Bilingual, native speaker of both Gaeilge and English
- Fast learner, persistently working on learning as much as possible.

Past Work Experience:
June 2021 - August 2023
- Arnold's Hotel Restaurant, Main Street, Dunfanaghy. +353 74 913 6208

Waiter and Food Runner
Responsibilities:
- Showcased appropriate customer service skills in a fine dining environment.
- Took food and drink orders and delivered food.
- Ensured clean work area.

May 2022 - September 2022
- Coll's Bar, Magheroarty. +353 87 783 6415

Waiter and Bar Work
Responsibilities:
- Took food and drink orders as well as running food.
- Experienced with bar work, getting drinks and pulling pints.

Achievements:.
2022, Received 578 points in the Leaving Certificate
2019, GAA Division 2A County Champion
2018, Two Academic Awards of Excellence, striving for results
2017, Corn Shéamuis Mhic Géidigh, showing leadership skills
2018/19 FAI Schools Minor B Boys (U-15) All Ireland Champion

Interests and Hobbies:
- I've built a computer along with assisting family and friends in building theirs.
- I'm a member of Queen's Computing Society (QCS) and also QUB Esports.
- Currently self teaching Python so I can work towards learning more about machine learning.
- I'm interested in cloud computing and I'm trying to learn more about it in my free time through Azure.
- I cook and bake in my free time. I like to take old recipes and try to improve on them.