

Mohamad Feras Harah

Software Engineering Student — seeking a 2026–27 industrial placement

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PROFILE

Software Engineering student at Queen's University Belfast (placement pathway, graduating 2028), applying for a 2026–27 industrial placement. I build software that gets used: an e-commerce store for a real local business, and database-driven team games with account, save, and analytics systems. Trilingual (Arabic, English, Turkish), used to balancing study with real work, and quick to turn feedback into better results.

EDUCATION

Queen's University Belfast — BSc Software Engineering with Placement

Sept 2024 – Jun 2028 (expected)

- Two years completed; industrial placement year 2026–27.
- Modules include: Software Engineering & Systems Development, Data Structures & Algorithms, Programming, Data Driven Systems, Introduction to Cyber Security, Fundamentals of Maths for Computing, Professional & Transferable Skills.
- Member of the Queen's Robotics Club.

St Patrick's College, Dungannon — A Levels

2022 – 2024

- Digital Technology (A), Arabic (A*), Mathematics (B), Software Systems Development (B).

Drumglass High School — GCSEs

2020 – 2022

- Including Arabic (A*), Occupational Studies (A), Mathematics (B), ICT (B).

PROJECTS

Basha Pantry — online store for WoodHouse Groceries

2026 · client project, in progress

[Shopify](#) · [e-commerce](#) · [product data](#)

- Sole builder of a real storefront for a local grocery business selling American, Asian, and African products.
- Turning hundreds of physical products into a clean, professional catalogue: consistent naming, categories, photography, and product details.
- Working directly with the business owner on scope, priorities, and launch plan.

ReignFall — database-driven text-adventure web game

2024–25 · team of 6 · CSC1034

[JavaScript](#) · [HTML & CSS](#) · [SQL](#) · [JSON](#)

- Full account system with salted, SHA-256-hashed passwords, expiring session tokens, and validation against sqlmap injection testing.
- Autosave and manual saves that rebuild complete game state on load: session, allies, four-slot inventory with stat effects, and progress logs.
- Score, reputation, and battle metrics feeding a global analytics page with leaderboards and player search.
- Six accessibility features, including contrast mode and screen calibration.

Greenopoly — educational board game about climate change

2025–26 · team of 6 · SE project

[C++](#) · [SQL](#)

- Fully functional, database-backed Monopoly variant that teaches climate change through play.
- Game rules designed as modular, testable systems; interfaces agreed early so six people could build in parallel.

Personal website — ferasharah portfolio

2026 · github.com/Feras01440/feras-harah-website

[Next.js](#) · [TypeScript](#) · [Tailwind CSS](#)

- Hand-built, fully static site: no trackers or cookies, strict security headers, keyboard and reduced-motion accessible.
- Typed content system that refuses to compile unpublished or placeholder claims.

Earlier builds

2022 – 2024

- Hotel booking system (C# + SQL): add/edit/delete bookings with unique IDs and billing that adapts to room, nights, and guests.
- Geography revision quiz (C#): used by GCSE students at my school to prepare for exams.
- Museum collection database: catalogue of items and their details for easy lookup.

TECHNICAL SKILLS

Languages	Java, C++, C#, Python, JavaScript/TypeScript, SQL, HTML & CSS
Web	Next.js & React, Node.js, Shopify
Databases	MySQL, PostgreSQL, MongoDB (basic)
Tools	Git & GitHub, Visual Studio, VS Code, Eclipse, Linux, Arduino & Raspberry Pi
Practices	Team development (two six-person, year-long projects), secure coding basics, testing, deliberate AI-assisted workflows

EXPERIENCE

Kainos, Belfast — Insight Programme2024

- Structured inside view of how a major software company runs: team structures, delivery practices, and technology careers.

PG Chips, Dungannon — General AssistantJun 2024 – present

- Weekend service in a fast-paced food business alongside full-time study — reliability, teamwork, and keeping customers happy under pressure.

Amazon Flex — Delivery Partner

- Independent delivery work: route planning, time pressure, and full accountability for every drop.

INTERESTS & EXTRAS

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| • Queen’s Robotics Club — hardware and Arduino/Raspberry Pi tinkering | • Football and swimming |
| • Trilingual: Arabic, English, Turkish | • Chess |
| • Drone videography and photography | • Ongoing practice on CodinGame and Codecademy |

REFERENCES

Available on request.