Kieran Knowles

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Ambitious and hard working graduate with a passion for IT. Received a first-class honours in computer science at Northumbria University. Currently studying for my master's degree in game engineering at Newcastle, achieving grades of 95%+ in all assignments. Skilled in multiple programming languages and paradigms such as object-oriented, procedural, and event-driven.

Education

2024–2025	**Computer Game Engineering Msc**, *Newcastle University*
2020–2024	**Computer Science Bsc**, *Northumbria University*, Newcastle, First-Class Honours

Undergraduate Dissertation

title	*CHEF - Cooking Helper for Everyone's Fridge*
supervisor	Nick Dalton
description	A web application to help users find a variety of recipes based on the ingredients they have, and that are similar to those previously liked to help reduce food waste.

Skills

■□□□□ basic knowledge   ■■■□□ extensive project experience
■■□□□ intermediate knowledge with some project experience   ■■■■□ deepened expert knowledge
   ■■■■■ expert/specialist

	Level	Skill	Years	Comment
Language:	■■■■□	C++	2	*Main language for masters degree*
	■■■□□	Java	3	*Used for coursework at Northumbria University*
	■■■□□	TypeScript	1	*Language for dissertation*
	■□□□□	Rust	1	*Some small projects, nowhere near an expert.*
	■■■□□	Python	5	*Used for scripts*
OS:	■■■■□	Linux	2	*Started on the server. Now a daily driver.*

Experience

See portfolio hosted at https://selwonk.uk for technical experience.

2022–present	**Volunteer**, *Bright Charity*, Northumbria Hospital Serving customers, restocking cafeteria and shop. Opening/closing as needed. Cashing up.
2022–2024	**Volunteer**, *Pets Corner*, Jesmond Dene Preparing feed, cleaning enclosures, answering visitor questions.
as needed	**Website Maintainer**, *Out of Sight Charity* Maintain website and update as needed

Interests

gaming	Enjoy playing single-player and co-op games in a diverse range of genres. On PC and steam deck.

animals	Pet cats I enjoy spending time with. I love all animals, which led to volunteering at Jesmond Dene
exercise	Aiming for a 5-mile walk several times a week and in the process of Couch to 5k