JOSEPH KERRY
MASTERS STUDENT

CONTACT DETAILS

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Education

MSc Software Engineering (2025-2026) – *Nottingham Trent University*

LLB Hons Law with business (2022- 2025) – *Nottingham Trent University*
Final year grade: Second Class Honors.

Skills learned and maintained: Essay writing, proof reading, document drafting, working in a team towards a collective goal, research skills, stakeholder considerations, complex calculations involving formulae.

3 x A-level (2020-2022) – *Rushcliffe Sixth Form*
Subjects: Psychology, Business, Politics

8 x GCSEs (2018-2020) – *Rushcliffe Spencer Academy*
Subjects: Math, English, Science, Computer Science, Software iMedia, Physical Education, Business Studies, Spanish

Projects

PS2 Emulator framework and basic hardware emulation
- Long term project (ongoing) 12-18 Months.
- EE & I/O CPUs, to execute MIPS instructions and register I/O.
- GS GPU, with primitive rendering and basic frame buffering.
- Memory Mapping to an address space.
- SPU, basic voice synthesis and processing.

(In progress/future developments as I learn)
- Develop CPU instructions
- Advanced graphics for textures, shaders, etc.
- Save state functionality.

Skills

Programming Skills: C#, HTML, CSS, JavaScript, Java, Python, React.js, Node.js, MySQL, PHP

Technical Skills: Microsoft Office Packages, Photoshop, Adobe Premiere Pro

Soft skills: Problem solving and Analytical thinking, Time management, Presentation skills, collaborative abilities both in person and online, Efficient comprehension.