Sam Robert Whitehead

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Education

Kettlethorpe High School   2011-09 − 2016-07

GCSEs

Subject	Exam Board	Grade
Mathematics	????	A*
Further Mathematics	????	Aˆ
Physics	????	A*
Chemistry	????	A*
Biology	????	A*
Computer Science	????	A
English Language	WJEC	A
English Literature	WJEC	A
French	????	A

Other

Subject	Exam Board	Grade
Level 3 qualification in Algebra	????	Pass

NEW College Pontefract   2016-09 − 2018-07

	Subject	Exam Board	AS/A2	Grade
	Mathematics	AQA	A2	A*
A Levels:	Further Mathematics	AQA	A2	A
	Computer Science	OCR	A2	A
	Physics	????	AS	????

University of Nottingham   2018-09 − Current

Degree: MSci Computer Science

Experiences

Work Experience – NEW College Pontefract   2015-07

IT Assistant – 2 weeks

Personal Programming Projects

- Mandelbrot Generator in C — `https://github.com/Ytrewq13/MandelbrotC`
- Heapsort in C — `https://github.com/Ytrewq13/heapSort`
- BrainF**k interpreter in C — `https://github.com/Ytrewq13/brainfuck`
- Rubik's Cube Timer in Java — A Level Coursework — `https://github.com/Ytrewq13/CubeTimerApplicationJavaFX`
- Maze Generator and Solver in Java and JavaScript — `https://github.com/Ytrewq13/MazeMaker`
- Bouncing Ball Physics Simulation in JavaScript — `https://github.com/Ytrewq13/JavaScript-Bouncing-Balls`
- Genetic Algorithm Example Program in Python and JavaScript — `https://github.com/Ytrewq13/WordEvolution`

Programming Languages

Most Familiar With

C, Java, Python 3, JavaScript, Perl, Bash, LaTeX, groff (ms macros, eqn, ref)

Used At Least Once

PHP, Lua, C#, VimScript, BrainF**k

Workflow

- `vim` & `tmux` over `ssh` or locally
- `maven` for compiling and testing Java projects
- `gcc` for compiling C projects