

WILLEM HENSON

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First-year student at The University of Manchester studying Computer Science and Mathematics.

An analytical and critical thinker looking for relevant work placements. Background in solving complex problems with a passion for learning new methods and systems. An avid programmer and keen to expand understanding of the discipline. Achieved in the top 2% of mathematicians in the school year and attained 100% marking on both Mathematics and Further Mathematics mock A Level seasons. Deeply fascinated by both theoretical and industrial applications of computing and an experienced team member who can apply real knowledge to practical situations.

EDUCATION

Bachelor of Computer Science and Mathematics, The University of Manchester Expected Jun 2025
Chair and Lead of BSc group project of six people,
implementing a front-end website with a back-end database.

Pupil, The West Bridgford School. Sept 2015 - Jun 2022

A Levels: Mathematics - A* Further Mathematics - A* Physics - A*

GCSEs: 7 Grades at Level 9, including Computer Science and Further Mathematics (9 9 9 9 9 9 8 8 7)

Pupil, The West Bridgford Infant and Junior School. Sept 2008 - Jun 2015

SKILLS

Languages	Python, HTML, JS, CSS, PHP.
Skills	Complex Programming, Computer Hardware and Software Proficiency, Intricate Problem Solving, Leadership Experience, Video Production.

EXPERIENCE

Team Member Oct 2020 - Sept 2021
McDonald's UK Nottingham, UK

- Communicated in a fast-paced crew of up to twenty people.
- Facilitated and engaged with hundreds of customers throughout each shift.
- Led and guided team of colleagues through the many set tasks of the day.
- Refined personal routine to deliver product up to 20% quicker under the position.

PROJECTS

Robotic Process Automation Accelerated the operation of copying 30,000 records manually by developing a Python web scraping program - increased labour productivity by 500%.

Mini Python Projects Conceived many Python programs out of curiosity using APIs and object-oriented programming. Examples include a 2D planetary physics engine, a graphing calculator, and a modular sudoku solver.

CREST Implemented engineering and craftsmanship skills over the course of two months. Completed a suitable product and achieved a CREST Bronze Award for the work.

ACTIVITIES

- Collaborated in the University of Manchester's Data Science Society and Algorithmic Trading Society. Analysed the chaotic data inputs and streamlined a computational method to maximise experimental and financial gains.
- Achieved six gold awards in the UKMT Maths Challenge and qualified to further rounds.
- Engaged in many regulated projects under school STEM club membership.

LEADERSHIP

- Educated peers on technology-related problems under position of Digital Lead role. Strengthened school group in the understanding of computers and electronics.
- Form representative at school Enterprise Day. Led group through brief and ensured productivity throughout.
- Volunteered at the Rushcliffe Parkrun and the Nottingham Fun Colour Run.