

Aaryan Jay Ragoo

Personal Statement

I am a recent Computer Science graduate seeking to use both technical and non-technical skills developed at university in the workplace. My expertise lies particularly with theoretical Computer Science and software development, however, I am also open to applying my skills to other interesting domains where appropriate. As well as possessing technical skills, several “soft” transferable skills have been developed through study that have helped to attain high assessment results. In my spare time I enjoy reading fiction and non-fiction books, and learning Russian.

Education and Qualifications

2017 - 2020 University of Portsmouth

- BSc (HONS) Computer Science, First Class.

2010 - 2017 Gordano School, North-Somerset

- A-Levels including: Chemistry (B), Mathematics (C) and Physics (C).
- 11 GCSEs grades A* - C.

Professional Experience

- 2016 - 5 months retail assistant work at Home Bargains, Portishead.

Technical Skills

Through studying Computer Science at university, several technical skills have been developed including:

- Basic web design using HTML5, CSS3 and JavaScript.
- Programming skills in Java, Python, and Haskell.
- Android app development using Android Studio.
- Basic networking design.
- Database design and implementation using SQL.
- Boolean arithmetic/logic operation.

- Basic 3D modelling and animation.
- Algorithm design.
- Employing software engineering practices in team working development scenarios.
- Understanding cryptographic algorithms.
- Technical/academic writing on topics such as corporate information exposure; the application of fuzzy systems in nuclear power plant control; mobile ADHOC networks; and programming pedagogy using ‘Parson’s problems’.
- Familiarity with document, spreadsheet, and presentation editing in the GSuite, MS Office and LibreOffice environments.

Through independent study, beginner skills in C++ have been acquired. Examples of technical coursework and other independent work can be seen at the webpage linked above with contact details.

Transferable Skills

As well as technical skills, through education and employment, more general skills have been developed that are applicable to the workplace. These include:

- Eagerness to learn new skills, and ability to learn them independently through online tutorials or instructional textbooks.
- Determination and the desire to see tasks through.
- Problem solving.
- Planning and scheduling to complete tasks within reasonable deadlines.
- Adaptability to team working and independent working environments; nurtured by completing group projects that employ software engineering principles.
- Effective communication between collaborators and/or project supervisors.
- Awareness of personal and technical accountabilities and responsibilities.
- Self evaluation.

Studying Chemistry and Physics at A-Level helped to nurture an inquiring mind which was furthered at university by producing literature reviews, and studying Maths developed strong numerical skills which have been applied in a practical manner in different software applications.