

Aaryan “Jay” Ragoo

Personal Statement

I am a recent (2020) Computer Science graduate seeking interesting and rewarding employment in various industries. My expertise lies particularly with technical and theoretical computation-based skills, however, I am also interested in applying softer/transferable skills to other domains where appropriate. Developing strong transferable skills has enabled me to consistently attain high assessment results at university when completing group or individual work, and I am eager to apply these skills also to the workplace. In my spare time I enjoy reading, teaching myself Russian, and maintaining a weekly film blog.

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 various languages.
- App development using Android Studio.
- Basic networking design.
- Database design and implementation using DFD and ERD diagrams and MySQL.
- Boolean arithmetic/logic operation.
- Basic 3D modelling and animation using Autodesk 3ds Max.
- Algorithm design and evaluation.
- 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 also acquired but practiced to a lesser extent than the languages used in study (see portfolio and GitHub profile linked above for examples). Examples of technical coursework and other independent work can be accessed from 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 in a general context. These include:

- Eagerness to learn new skills, and ability to learn them independently through online tutorials or instructional textbooks. Such skills have been helpful in quickly learning new technologies for projects.
- Determination and the desire to see tasks through. This has been particularly helpful when completing pieces of work that take place over longer time periods.
- 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.
- Problem solving and solution evaluation, which has been developed through completing tasks with highly specific requirements.

Studying Chemistry and Physics at A-Level helped to nurture an inquiring mind which was furthered at university by producing literature reviews. Studying Maths developed strong numerical skills which have been applied in a practical manner in different software applications. An interest in reading has helped to maintain the ability to write clearly and having to complete self-edited reports for university coursework has developed written communication skills.