




Faraz Khalid

Computer Scientist

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Portfolio: farazovo.github.io

An inquisitive and highly motivated BSc Computer Science student with a wide variety of skills within the field. Adept at coordinating and working within teams to complete projects and tasks in an efficient manner. Hard-working and reliable in and outside the workplace, equipped with an eagerness to learn and develop skills. A considerate and sociable person contributing to a healthy and happy work environment, producing effective and high-quality results.

Education

2021-2025 University Of Bath *BSc(hons) Computer Science*

First Year Result: 2:1, 61%

First Year Course Synopsis: In-depth course providing a strong basis for computing paired with practical application knowledge of computing skills, this is done with a range of modules including theory-heavy modules on networks, computer architecture and mathematics; and applied modules such as principles of programming, AI and group-centric application design.

2018-2020 Burnham Grammar Sixth Form *A-Levels*

Maths: A*

Physics: A

Computer Science: A

2013-2018 Cox Green Secondary School *GCSEs*

10 GCSEs Total

Grade Range: grade-6 to grade-8 (equivalent to B to A*)

Technical Skills

Python	5+ years of experience coding with Python in a wide variety of projects including more fundamental projects such as an SRPN calculator and more advanced implementations including an Enigma machine and AI spam email filtration.
Java	Proficient at programming high-level projects using multi-threading to stop, start and sleep threads to ensure concurrent task completion in the correct order while avoiding technical errors such as deadlock.
C	An advanced understanding of using pointers and memory addresses in order to maximise the efficiency in reading and writing data in various small academic projects using C.
C#	Programing various personal and academic projects using C# in conjunction with the Unity development engine implementing physics and a responsive UI in both 3D and 2D environments.
HTML & CSS	Skilled in HTML & CSS, specialising in web design. Created a wide range of web pages, the largest of which being a multi-page film library archive.
GitHub	Well-versed in GitHub and various other file-sharing applications used for keeping backups of independent projects as well as coordinating and communicating during group projects.
System design	Confident in conducting and organising projects including the research, design, and implementation, using class models, entity relationship diagrams and sequence diagrams within the process. Previously completing this process in A-level and University projects of varying sizes.
Computer hardware	In-depth understanding of the theory and physical aspects of the internal design of a computer on a macro and micro scale, ranging from the internal architecture of processors to the assembly and wiring of a computer.

Work Experience

June 2021 – Next - Customer Advisor

Sept 2021 Key experience:

- Supported the workplace in multiple digital system failures having to find alternatives to said systems whilst simultaneously assisting customers.
- Learnt multiple roles in a short period with minimal training.

Dec 2020 – Currys/PC World - Stock/Click and Collect Management

Jan 2021 Key experience:

- Managed stock for click and collect altering the process to adjust for social distancing.
- Assisted customers in matching their requirements to specific pieces of technology explaining how certain products meet different user needs.
- Adapted to a low-contact workplace during a lockdown.

Aug 2018 – B&Q - Customer Advisor

Jan 2020 Key experience:

- Operated custom software on Zebra handheld computers to assist with a multitude of tasks.
- Studied comprehensive health and safety guidelines for working around heavy-duty/dangerous equipment including forklifts, saws, and paint mixers.
- Utilised several different POS (point of sale) systems gaining an understanding on how these systems are designed to maximise efficiency.
- Organised a large team, taking on the responsibility of training and assisting less experienced colleagues.

Skills

- Highly successful in completing multiple projects simultaneously within strict deadlines having to become used to working on up to 4 projects at once.
- Experienced in many aspects of Microsoft Office including Word, Excel, PowerPoint and more.
- Academically accomplished in the field mathematics including mathematical subjects such as statistics, mechanics and boolean logic.
- Exceptionally friendly and outgoing easily able to adapt to different social groups and situations.

Hobbies and Interests

- Constructing computers for friends and family for 8+ years.
- Very physically active and fit regularly exercising at a gym for 5+ years.
- Coding passion projects including games, web pages and much more.
- Programming small utility programs to help peers out with tedious tasks such as a program for filtering typical business expenses from normal spending on a bank statement.

References

Dr E O Oshodin (University Tutor)
Lecturer in Department of Computer Science
University of Bath
eoo60@bath.ac.uk

Mrs K Clarke (Teacher)
Teacher For Sixth Form Computer Science
Burnham Grammar School
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