THOMAS SHILLITO

LinkedIn | 7375 981329 | tom.j.shillito@gmail.com | GitHub

Summary

An ambitious *Level 3 Computer Science student with a keen interest in Web Development, Database/Systems and Games Development, seeking a degree apprenticeship in Software Engineering. Known for strong leadership and excellent communication skills, particularly in high-pressure situations. Adept at tackling challenges and efficiently solving problems, as demonstrated through various academic projects and practical experiences in Computer Science.*

Projects

???, ????   **???**   *???, ???*   **??/???? - ??/????**
- **????:** ????

Education

BTEC Extended Diploma   **Colchester Institute**   *Colchester*   **09/2022 - 06/2024**

- Predicted Grades: DDM
- Demonstrated a strong proficiency in Python. Engaged in various small-scale projects, including developing a string handling program for testing password strength and creating practical applications for fictional companies such as currency converters and sales management systems.
- Gained comprehensive knowledge in Web Development becoming proficient in CSS, JavaScript and HTML. Developed skills in creating responsive and user-friendly web interfaces.
- Acquired expertise in managing databases and systems with a focus on user management. Learned to design, implement and maintain database systems ensuring data integrity, security and accessibility.
- Developed a function game using C++ within the Unity platform, showcasing an ability to apply programming knowledge in a creative and practical context. Demonstrated skills both in game design and software development

GCSE   **Clacton County High School**   *Clacton-on-Sea*   **09/2017 - 06/2022**

- Achieved 8 GCSEs with a diverse academic profile: Grade 5 in English, Maths and Computer Science and excelled in Media with a D*
- Learned how to create and follow algorithms with a strong emphasis on utilising flowcharts, pseudocode and program code. Gained proficiency in translating complex problems into structured and logical steps
- Developed skills in converting flowcharts and pseudocode into functional programs. Excelled in identifying and rectifying program errors, using decomposition and abstraction to break down problems and device efficient solutions.

Skills

- **Programming Languages:** Python, HTML, C++, JavaScript, CSS
- **Tools:** Github for efficient version control, proficient in Visual Studio and Microsoft Office Suite (Excel, PowerPoint, Word) for various technical and administrative tasks
- **Courses:** Level 3 Computing Extended Diploma (Ongoing), Udemy (Ongoing)
- **Interests:** Personal Development, Coding, Video Editing, Graphic Design

Experience

Team Worker   **McDonalds**   *Clacton-on-Sea*   **03/2023 - 11/2023**

- **Problem-Solving and Adaptability:** Demonstrated strong problem-solving skills by swiftly addressing customer queries and resolving issues, reflecting an ability to adapt to changing situations - a key asset in the dynamic field of software development.
- **Teamwork and Communication:** Collaborated effectively with a diverse team, sharing knowledge and communicating clearly to ensure smooth operations. Underlining teamwork and communication.
- **Efficiency and Process Optimization:** Developed an ability to work efficiently in a high-pressure environment, optimising processes for better service delivery. This skill is directly transferable to optimising code and workflows in software engineering.
- **Attention to Detail and Quality Assurance:** Maintained high standards of quality and accuracy in all tasks, from order processing to maintaining cleanliness, mirroring attention to detail necessary for writing and reviewing code in the computing industry.