

Sami O. Hatoum

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[LinkedIn](#) - [Portfolio](#)

Personal Profile

As a final-year Computer Science student, I am motivated, detail-oriented, and innovative in problem-solving. I excel in team environments, demonstrating confidence, collaboration, and empathy to achieve optimal results.

Professional Experience

- PwC, ONSITE CONSULTANT****AUGUST 2024 – SEPTEMBER 2024**
- Worked full-time onsite of the client as part of an agile team, conducting thorough evaluations of business operations leading to the identification of £20K in annual cost-saving opportunities.
 - Conducted thorough market and financial analysis for a new client facility.
 - Led conceptual design processes, integrating advanced technologies, sustainability, and efficiency reducing operational costs by 18%.
 - Managed the implementation of a £5M project, overseeing timelines, resource allocation, and quality assurance.
- PwC, ARTIFICIAL INTELLIGENCE CONSULTANT****JUNE 2023 – JULY 2023**
- Operated alongside senior consultants to design, report, and implement AI solutions, leveraging cutting-edge technologies.
 - Utilized Dataiku DSS, a collaborative data science platform, for large data parsing, processing, and machine learning model development.
 - Conducted testing and validation of AI models and algorithms to ensure accuracy and effectiveness.

Education

- BSC COMPUTER SCIENCE, UNIVERSITY OF ST ANDREWS****SEPTEMBER 2021 – PRESENT**
- Relevant Modules:****Expected Grade: First**
- Each module consists of 2-4 programming projects with a 2-week time frame:*
- Artificial Intelligence (First), Computer Systems (First), Data Encoding (2.1),
Databases (First), Computational Complexity (2.1), Human Computer Interaction (First)
- Software Engineering Team Project (First):**
- Collaborated within a core team of 5 and a larger group of 26, to produce a large-scale visualization based on a subsection of data from the “Wikimedia” sister projects, following Scrum and Agile methodologies.
- BRITISH INTERNATIONAL SCHOOL OF RIYADH (BISR)****SEPTEMBER 2007 – JUNE 2021**
- A Levels:** Computer Science (A), Mathematics (A), Physics (A), Economics (A)
- 9 GCSEs, achieving an 8 or 9 in:** Computer Science, Mathematics, Physics, Chemistry, Biology

Technical Skills

- PROGRAMMING**Java, C, Python (Flask, Sklearn, TensorFlow), JavaScript (React, NextJS), SQL
- DESIGN MODELLING**Diagrams: UML, ER, DOM, FSM, Flowcharts, Dataflow
- TESTING**PyTest, Hunit, Junit, Jest, Gremlins, Self-Made Automated Tests
- MICROSOFT OFFICE**PowerPoint, Teams, Word, Excel, Publisher, Outlook, Access