Sami O. Hatoum

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[LinkedIn](#) – [GitHub](#) – [Report Portfolio](#) – [Website Portfolio](#)

Personal Profile

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

Professional Experience

PwC, CLIENT-SIDE CONSULTANT   AUGUST – 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 business continuity plans

PwC, ARTIFICAL INTELLIGENCE CONSULTANT   JUNE 2023 – JULY 2023

- Collaborated on large-scale data parsing and preprocessing, developing machine learning models in Python, including hyperparameter tuning and cross-validation
- Partnered with senior consultants to design and document AI solutions, focusing on system architecture and integration with existing client needs
- Engineered and deployed optimized machine learning models on cloud platforms, using model evaluation and performance tuning techniques

Education

BSC COMPUTER SCIENCE, UNIVERSITY OF ST ANDREWS   SEPTEMBER 2021 – PRESENT

Relevant Modules: **Expected Grade: First**
Each module consists of 2-4 programming projects due within 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, PyTorch), SQL, MATLAB, JavaScript (React, NextJS, NodeJS)
DESIGN MODELLING	Diagrams: UML, ER, DOM, FSM, Flowcharts, Dataflow, Tableau
TESTING	PyTest, Junit, Jest, Gremlins, Self-Made Automated Tests
COLLABORATION TOOLS	GitHub, GitLab, Docker, Jira, Trello, Asana, Microsoft Teams, Slack