

# 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 team environments, demonstrating confidence, collaboration, and empathy to achieve optimal results.

## Professional Experience

PwC, ONSITE CONSULTANT

AUGUST 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