

Name: Ahmed Sherif Ahmed Moussa Abdel Fattah
Date of Birth: 09 July 2004
Reference: SOMPMW-ART1-V3.3-1DU-H00340434
Date: 31 July 2024

Academic Transcript

Mr Ahmed Sherif Ahmed Moussa Abdel Fattah
Zakher
Al Awtan street
no.20
Al Ain
United Arab Emirates

This is to certify that the above named student was registered on a Heriot-Watt University programme of study and below is an extract from their academic record.

Sara Lombardo

Professor Sara Lombardo
Executive Dean of the School of Mathematical and Computer Sciences
Email: macs-student-support@hw.ac.uk

Programme: F2D3-CDS - Bachelor of Science in Computer Science (Data Science)
Term: Academic year 2023-2024
Year/Stage: 4
Examiners' Decision: Student completed programme
Bachelor of Science in Computer Science (Data Science) with Honours of the First Class
Award Date: 03 July 2024

| Course Code and Title | | Semester | Opportunity | Grade | Credit |
|-----------------------|---|----------|-------------|-------|--------|
| F20BC | Biologically Inspired Computation | 1 | 1 | A | 15 |
| F20DL | Data Mining and Machine Learning | 1 | 1 | A | 15 |
| F20PA | Research Methods & Requirements Engineering | 1 | 1 | A | 15 |
| F20SA | Statistical Modelling and Analysis | 1 | 1 | A | 15 |
| F20AA | Applied Text Analytics | 2 | 1 | A | 15 |
| F20BD | Big Data Management | 2 | 1 | A | 15 |
| F20PD | Design and Implementation (Data Science) | 2 | 1 | A | 15 |
| F20PE | Project Testing and Implementation (Data Science) | 2 | 1 | A | 15 |
| Sub Total | | 8 | | | 120 |

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Programme: F2D3-CDS - Bachelor of Science in Computer Science (Data Science)
Term: Academic year 2022-2023
Year/Stage: 3
Examiners' Decision: Proceed to next year/level

| Course Code and Title | | Semester | Opportunity | Grade | Credit |
|-----------------------|--|----------|-------------|-------|------------|
| F29AI | Artificial Intelligence and Intelligent Agents | 1 | 1 | A | 15 |
| F29DC | Data Communications and Networking | 1 | 1 | A | 15 |
| F29FA | Foundations 1 | 1 | 1 | A | 15 |
| F29SO | Software Engineering | 1 | 1 | A | 15 |
| F29FB | Foundations 2 | 2 | 1 | A | 15 |
| F29LP | Language Processors | 2 | 1 | A | 15 |
| F29OC | Operating Systems & Concurrency | 2 | 1 | A | 15 |
| F29PD | Professional Development | 2 | 1 | A | 15 |
| Sub Total | | 8 | | | 120 |

Programme: F2D3-CDS - Bachelor of Science in Computer Science (Data Science)
Term: Academic year 2021-2022
Year/Stage: 2
Examiners' Decision: Proceed to next year/level

| Course Code and Title | | Semester | Opportunity | Grade | Credit |
|-----------------------|--|----------|-------------|-------|------------|
| F28ED | User-Centred Experimental Design | 1 | 1 | A | 15 |
| F28PL | Programming Languages | 1 | 1 | A | 15 |
| F28SG | Introduction to Data Structures & Algorithms | 1 | 1 | A | 15 |
| F28WP | Web Programming | 1 | 1 | A | 15 |
| F28DA | Data Structures and Algorithms | 2 | 1 | A | 15 |
| F28DM | Database Management Systems | 2 | 1 | A | 15 |
| F28HS | Hardware-Software Interface | 2 | 1 | A | 15 |
| F28SD | Introduction to Software Engineering | 2 | 1 | A | 15 |
| Sub Total | | 8 | | | 120 |

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Programme: F2D3-CDS - Bachelor of Science in Computer Science (Data Science)
Term: Academic year 2020-2021
Year/Stage: 1
Examiners' Decision: Proceed to next year/level

| Course Code and Title | | Semester | Opportunity | Grade | Credit |
|-----------------------|------------------------------------|----------|-------------|-------|------------|
| F17LP | Logic and Proof | 1 | 1 | A | 15 |
| F27ID | Introduction to Interaction Design | 1 | 1 | B | 15 |
| F27PX | Praxis | 1 | 1 | A | 15 |
| F27SA | Software Development 1 | 1 | 1 | A | 15 |
| F17SC | Discrete Mathematics | 2 | 1 | A | 15 |
| F27CS | Introduction to Computer Systems | 2 | 1 | A | 15 |
| F27SB | Software Development 2 | 2 | 1 | A | 15 |
| F27WD | Web Design and Databases | 2 | 1 | A | 15 |
| Sub Total | 8 | | | | 120 |

Total Number of Courses 32
Cumulative Credits 480
Scottish Credit and Qualifications Framework (SCQF) Credit Points: 480
European Credit and Transfer System (ECTS) Credit Points: 240

Supplementary information on results, grading schemes and progression is available online at <http://www.hw.ac.uk/students/studies/examinations/results.htm>

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Samantha Kane
Academic Registrar

Deputy Principal's Award

| Achievement: | Term of Award | Description |
|--------------------------|---------------|--|
| Deputy Principal's Award | 202223 | Awarded to full-time undergraduate students for excellent academic performance during the academic year. The Deputy Principal's Award is given to students who achieve Grade A, or equivalent, in six or more courses studied as part of the their undergraduate degree programme during an academic year. |
| Deputy Principal's Award | 202324 | Awarded to full-time undergraduate students for excellent academic performance during the academic year. The Deputy Principal's Award is given to students who achieve Grade A, or equivalent, in six or more courses studied as part of the their undergraduate degree programme during an academic year. |
| Deputy Principal's Award | 202021 | Awarded to full-time undergraduate students for excellent academic performance during the academic year. The Deputy Principal's Award is given to students who achieve Grade A, or equivalent, in six or more courses studied as part of the their undergraduate degree programme during an academic year. |

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| Deputy Principal's Award | 202122 | Awarded to full-time undergraduate students for excellent academic performance during the academic year. The Deputy Principal's Award is given to students who achieve Grade A, or equivalent, in six or more courses studied as part of the their undergraduate degree programme during an academic year. |
|--------------------------|--------|--|