



Name: Dongheng Lin
Award: Bachelor of Science with Honours
Field of study: Information and Computing Science
Classification: Class I
Award Date: 20th July 2023

The University of Liverpool is a member of the Russell Group, which represents the 24 leading UK universities committed to maintaining the very best research, an outstanding teaching and learning experience and unrivalled links with business and the public sector.

This Higher Education Achievement Report incorporates the model developed by the European Commission, Council of Europe and UNESCO/CEPES for the Diploma Supplement.

The purpose of the Supplement is to provide sufficient recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context and status of the studies that were pursued and successfully completed by the individual named on the original qualifications to which this Supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

The University of Liverpool only produces HEARs in a digital format. Only HEARs accessed via <https://verify.liverpool.ac.uk> can be considered valid and verified.

INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1	Family name(s):	Lin
1.2	Given name(s):	Dongheng
1.3	Date of birth (day/month/year):	12th March 2001
1.4	Student identification number or code:	201637716
	HESA reference number:*	2111266377161

*HUSID (HESA Unique Student Identifier) is the unique national identifying number for students registered at a UK university. It is defined by HESA, the UK's Higher Education Statistics Agency.

INFORMATION IDENTIFYING THE QUALIFICATION

2.1	Name of qualification and (if applicable) title conferred:	Bachelor of Science with Honours The power to award degrees is regulated by law in the UK.
2.2	Main field(s) of study for the qualification:	Information and Computing Science
2.3	Name and status of awarding institution(s):	This degree is awarded by the University of Liverpool, a university established by Royal Charter and a recognised body for the award of degrees.
2.4	Name and status of institution(s) (if different from 2.3) administering studies:	The holder of this Achievement Record was registered full time on an undergraduate programme delivered at Xi'an Jiaotong-Liverpool University (China) on behalf of the University of Liverpool (UK), leading to the University of Liverpool award indicated. Xi'an Jiaotong-Liverpool University is an independent university, recognised by the Chinese Ministry of Education, established in partnership between the University of Liverpool and Xi'an Jiaotong University.
2.5	Language(s) of instruction/examination:	All teaching and assessment that leads to a University of Liverpool

award is in English, except for programmes of study involving language studies, where some teaching and assessment is in the relevant language(s).

INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 Level of qualification:** Undergraduate programme assigned to level 6 in the Framework for Higher Education Qualifications (see Section 8 for further details on the UK Higher Education System), and Bologna FQ-EHEA 1st cycle degree compatible
- 3.2 Official length of programme:** Four years
- 3.3 Access requirement(s):** Detailed information regarding admission to the programme is available at <http://www.xjtlu.edu.cn/en/find-a-programme/>

INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study:

2019-2020 - Full time

2020-2021 - Full time

2021-2022 - Full time

2022-2023 - Full time

4.2 Programme requirements:

1. To equip students with a broad understanding of computer based systems and the ability to apply this to the solution of practical problems;

2. To equip students with the technical and professional skills to operate effectively in research, development and technical support environments;

3. To provide students with an appreciation of scientific method and a rigorous education in the fundamental principles of mathematics, engineering and computer science;

4. To promote a creative approach to problem solving and equip students with the skills of communication, team-working and project management, in order to meet the needs of a wide spectrum of employers.

A Bachelor's degree is normally obtained after four years full-time study or part-time equivalent. Modules totalling at least 90 (45 ECTS) should be at Level 5 in Year 2 and at Level 6 in Year 3.

4.3 Programme details, and the individual grades/marks/credits obtained:

Programme Start Date: 2nd September 2019

Programme End Date: 31st July 2023

2019-2020 - Xi'an Jiaotong-Liverpool University (China) - Year 0

Module Code	Title	Credits	ECTS	Semester	FHEQ Level	Grade	Result
CCT 007	Self-management	6	3	1		71	P
CCT 009	Introduction to Literature and Media Culture	6	3	1		64	P
CSE 003	Fundamentals of Computer Programming	7.5	3.75	1		77	P
EAP 025	Introduction to EAP (Standard Pathway)	22.5	11.25	1		65	P

LAN 005	Transition to University and Beyond	7.5	3.75	1		64	P
MTH 013	Calculus (Science & Engineering)	15	7.5	1		74	P
PHE 001	Physical Education 1	3	1.5	1		60	P
CCT 008	Ideological and Moral Cultivation and Basis of Law	6	3	2		75	P
CCT 010	The Modernization Process of China	6	3	2		72	P
CSE 002	Professional Skills in Computer Science	15	7.5	2		69	P
EAP 028	English for Academic Purposes for Industrial Technology I	22.5	11.25	2		57	P
LAN 006	Transition to Intercultural Learning	7.5	3.75	2		84	P
MTH 007	Linear Algebra	7.5	3.75	2		79	P
MTH 008	Multivariable Calculus (Science and Engineering)	15	7.5	2		75	P
PHE 002	Physical Education 2	3	1.5	2		97	P
Credits Obtained		150					

2020-2021 - Xi'an Jiaotong-Liverpool University (China) - Year 1

Module Code	Title	Credits	ECTS	Semester	FHEQ Level	Grade	Result
CPT 101	Computer Systems	15	7.5	1		72	P
CPT 103	Introduction to Databases	15	7.5	1		72	P
CPT 105	Introduction to Programming in Java	15	7.5	1		92	P
CPT 107	Discrete Mathematics and Statistics	15	7.5	1		74	P
CPT 102	Data Structures	15	7.5	2		83	P
CPT 104	Operating Systems Concepts	15	7.5	2		71	P
INTX 102	Algorithmic Foundations and Problem Solving	15	7.5	2		74	P
INTX 104	Artificial Intelligence	15	7.5	2		73	P
EAP 111	English Language and Study Skills III for Engineering	30	15	3		60	P
Credits Obtained		150					

2021-2022 - Xi'an Jiaotong-Liverpool University (China) - Year 2

Module Code	Title	Credits	ECTS	Semester	FHEQ Level	Grade	Result
CAN 201	Introduction to Networking	15	7.5	1		90	P
CPT 203	Software Engineering I	15	7.5	1		83	P
CPT 205	Computer Graphics	15	7.5	1		76	P
INTX 201	Decision Computation and Language	15	7.5	1		73	P
CPT 202	Software Engineering Group Project	15	7.5	2		79	P
CPT 204	Advanced OO Programming	15	7.5	2		91	P
CPT 208	Human-Centric Computing	15	7.5	2		74	P
INTX 202	Complexity of Algorithms	15	7.5	2		83	P
Credits Obtained		120					

2022-2023 - Xi'an Jiaotong-Liverpool University (China) - Year 3

Module Code	Title	Credits	ECTS	Semester	FHEQ Level	Grade	Result
CAN 301	Mobile Computing	15	7.5	1		84	P
INTX 303	Big Data Analytics	15	7.5	1		81	P
INTX 305	Machine Learning	15	7.5	1		89	P
CAN 304	Computer Systems Security	15	7.5	2		77	P
CPT 302	Multi-Agent Systems	15	7.5	2		60	P
CPT 306	Principles of Computer Games Design	15	7.5	2		80	P
SAT 301	Final Year Project	30	15	3		78	P
Credits Obtained		120					

* - Indicates a mark obtained at a second or subsequent sitting

E - Indicates Extenuating Circumstances

4.4 Module grading scheme and, if available, grade distribution guidance:

Grade (100 point scale)	
70 to 100	First Class
60 to 69	Upper second class (2.1)
50 to 59	Lower second class (2.2)
40 to 49	3rd Class
35 to 39	Narrow Fail (but compensation may be allowed in accordance with University's rules)
Less than 40	Fail

4.5 Overall classification of the qualification (in original language):

Class I

Information about the degree classification methodology used at the University of Liverpool is available at <https://www.liverpool.ac.uk/aqsd/academic-codes-of-practice/code-of-practice-on-assessment/>

INFORMATION ON THE FUNCTION OF THE QUALIFICATION

- 5.1 Access to further study:** Attainment of an undergraduate degree may entitle access to postgraduate study (Bologna FQ-EHEA 2nd or 3rd cycle/level 7 or 8 qualifications or equivalent) and/or professional career opportunities.
- 5.2 Professional status (if applicable):**

ADDITIONAL INFORMATION

- 6.1** This section provides details of extra-curricular student awards and activities that represent achievement, and have been verified by the University of Liverpool. Details of prizes gained whilst at the University are also listed here. Please note that the number of extra-curricular activities which the University and the Liverpool Guild of Students are currently able to verify is limited. Students may therefore have undertaken additional activities which have contributed significantly to their personal and professional development. They will be encouraged to record these in other documentation.

Additional Awards (Accredited Performance in Non-Academic Contexts):

Term: 2021-22

Award: Work Placement

Description: Successful completion of a work placement of at least 90 hours

- 6.2 Further information sources:** Further information concerning the University of Liverpool may be obtained from the University's website (www.liverpool.ac.uk). A description of the UK higher education

system may be obtained from the UCAS website
(<https://www.ucas.com/ucas/undergraduate/getting-started/what-higher-education>).

CERTIFICATION OF THE HEAR

- 7.1 **Date:** 10th August 2023
- 7.2 **Award Date:** 20th July 2023
- 7.3 **Signature:** 
- 7.4 **Capacity:** Director of Student Experience & Enhancement
- 7.5 **Official Seal:**



INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

- 8.1 You will find further context on the awards we provide and the information on the national higher education system at the following webpage: <https://www.liverpool.ac.uk/graduation/official-documentation/sharing-your-hear/hear-content/>