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**UNIVERSITY OF BRISTOL TRANSCRIPT/DIPLOMA SUPPLEMENT**

This transcript incorporates the model developed by the European Commission, Council of Europe and UNESCO/CEPES for the Diploma Supplement (DS) and aspects of the Higher Education Achievement Report. The purpose of the transcript/DS is to provide sufficient recognition of qualifications and 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 named individual. Further information about the Diploma Supplement is available at <https://europass.ecctis.com/Individuals/Documents/Diploma%20Supplement> and the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies at <https://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf>.

Name of Student	Jacob Halsey
Date of Birth	██████████
University Reference	██████████
HESA Reference	██████████
Qualification	Bachelor of Science
FHEQ Level	Bachelor's Degree (Honours and Ordinary)
Programme of Study	Computer Science (BSc)
Length of Programme (on a full time basis)	3 Year(s)
Faculty	Faculty of Engineering
Mode of Study	Full Time
Awarding/Teaching Institution	University of Bristol
Language(s) of Instruction/Assessment	English

<b>2018/19 Computer Science (BSc)</b>	Unit Level	Unit Status	1st Mark	1st Outcome	Additional Attempt	Mark	Outcome	Credit
COMS10003 Mathematical Methods for Computer Scientists	4	C	57	P				20
COMS10005 Security 101	4	O	87	P				10
COMS10006 Functional Programming	4	C	75	P				10
COMS10007 Algorithms	4	C	76	P				10
COMS10008 Imperative Programming	4	C	79	P				10
COMS10009 Object-Oriented Programming	4	C	77	P				10
COMS10010 Databases and Cloud Concepts	4	O	72	P				10
COMS10011 Probability and Statistics	4	O	78	P				10
COMS11700 Theory of Computation	4	C	52	P				10
COMS12200 Introduction to Computer Architecture	4	C	70	P				20
Credit points awarded in this academic year								120
Cumulative credits								120

<b>2019/20 Computer Science (BSc)</b>	Unit Level	Unit Status	1st Mark	1st Outcome	Additional Attempt	Mark	Outcome	Credit
COMS20001 Concurrent Computing	5	C	78	P				20
COMS20002 Communication, complexity and number theory	5	O	66	P				10
COMS20005 Computer Science in Society	5	C		CA				10
COMS20805 Software Product Engineering	5	C	89	P				20
COMS21103 Data Structures and Algorithms	5	C	70	P				20
COMS21202 Symbols, Patterns and Signals	5	C	72	P				20
COMS22201 Language Engineering	5	C	0	CA				20
Credit points awarded in this academic year								120
Cumulative credits								240

2020/21 Computer Science (BSc)	Unit Level	Unit Status	1st Mark	1st Outcome	Additional Attempt	Mark	Outcome	Credit
COMS30019 Computer Graphics (with Coursework)	6	O	72	P				20
COMS30025 Design Verification (with Coursework)	6	O	62	P				20
COMS30036 Security Behaviours	6	O	60	P				10
COMS30045 Individual Project	6	C	75	P				40
COMS30047 Advanced Computer Architecture	6	O	73	P				20
COMSM0050 Systems and Software Security	7	O	83	P				10
Credit points awarded in this academic year								120
Cumulative credits								360

Award Bachelor of Science in Computer Science  
 Classification (If any) With First Class Honours  
 Commendation (If any)  
 Date of Award 13 July 2021  
 Date Transcript Issued 20 July 2021

Issued by: Paula Coonerty, Academic Registrar.

Signature:

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Academic Information

- The University's qualifications and the number and level of credit points required for each qualification, as set out in the University's credit framework, are provided at: [www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/programme-design/](http://www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/programme-design/).
- Students with prior learning may be admitted directly into a programme of study, see [www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/rpl/](http://www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/rpl/).
- The pass mark is 40 for units at levels 4-6 and 50 for level 7 and units on the Veterinary Science, Medicine and Dentistry programmes. A unit may be marked on a pass/fail basis where no numerical mark is given. For the purposes of determining progression and degree classification, the unit mark may be capped at the pass mark where it is achieved at the second attempt.
- The University's regulations for awarding qualifications and degree classification, including the classification bands, are available, by academic year at: [www.bristol.ac.uk/academic-quality/assessment/](http://www.bristol.ac.uk/academic-quality/assessment/).
- Explanation of Unit Status Symbols:
 

C	Compulsory	O	Optional	V	Voluntary
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- Explanation of Outcome Symbols:
 

CA	Credits points awarded	P	Pass
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- Further details relating to programme outcomes, structure, methods of assessment, access requirements and any professional skills/status obtained are outlined in the University's Programme Specifications at: [www.bristol.ac.uk/prog-catalogue/](http://www.bristol.ac.uk/prog-catalogue/).
- If there are queries regarding the content of this Transcript, or if it is required in an alternative format, please contact the relevant Faculty Office ([www.bristol.ac.uk/faculties/](http://www.bristol.ac.uk/faculties/)).