Learnbay \WOOLF/

Student Academic Record

Master of Science in Computer Science

Full name: **Tomáš Garrigue Masaryk**
Nationality: **Poland**
Student ID: **0000000000**
Degree name: **Master of Science in Computer Science**
Degree accreditation level: **ECTS Accredited (EQF7)**
Degree completion status: **Completed**
Date of award: **11 December 2024**
Official accreditation information: **Degree listing on MFHEA website in Europe**
Average (percent): **100%**
Cumulative GPA: **4**

Course title	Completed	Hours	ECTS credits	US percent	GPA
Tier 1 : Foundation Courses					
Introduction to Computer Programming: Part 1	11/12/2024	7500	300	100%	4
Introduction to Problem-Solving Techniques: Part 1	11/12/2024	7500	300	100%	4
Mathematics for Computer Science	11/12/2024	7500	300	100%	4
Data Structures	11/12/2024	7500	300	100%	4
Tier 2 : Electives					
Spreadsheets for Data Understanding	11/12/2024	7500	300	100%	4
SQL for Data Analytics	11/12/2024	7500	300	100%	4
Data Visualisation Tools	11/12/2024	7500	300	100%	4
Business Case Studies	11/12/2024	7500	300	100%	4
Introduction to Deep Learning	11/12/2024	7500	300	100%	4
Product Analytics	11/12/2024	7500	300	100%	4
Productionization of Machine Learning systems	11/12/2024	7500	300	100%	4
Numerical Programming in Python	11/12/2024	7500	300	100%	4
Introduction to Machine Learning	11/12/2024	7500	300	100%	4

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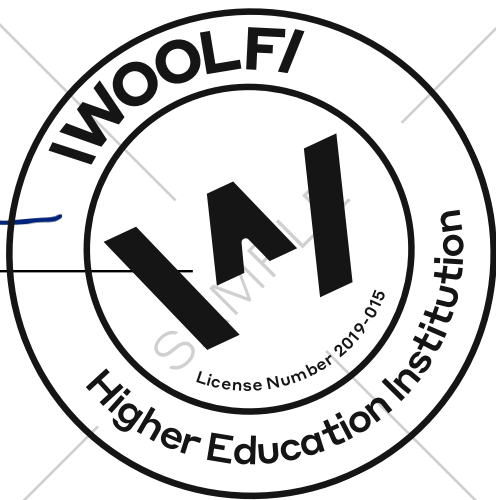
Course title	Completed	Hours	ECTS credits	US percent	GPA
Advanced Machine Learning	11/12/2024	7500	300	100%	4
Deep Learning for Computer Vision	11/12/2024	7500	300	100%	4
Deep Learning for Natural Language Processing	11/12/2024	7500	300	100%	4
High Dimensional Data Analysis	11/12/2024	7500	300	100%	4
Introduction to Problem-Solving Techniques: Part 2	11/12/2024	7500	300	100%	4
Computer Systems and Their Fundamentals	11/12/2024	7500	300	100%	4
Front End Development	11/12/2024	7500	300	100%	4
Back End Development	11/12/2024	7500	300	100%	4
Distributed Systems with High-Level System Design	11/12/2024	7500	300	100%	4
Data Engineering	11/12/2024	7500	300	100%	4
Product Management for Software Engineers	11/12/2024	7500	300	100%	4
Generative AI	11/12/2024	7500	300	100%	4
System Design Transferred in fulfilment of the requirements of this program	11/12/2024	7500	300	100%	4
Data Structures	11/12/2024	7500	300	100%	4
Design and Analysis of Algorithms	11/12/2024	7500	300	100%	4
Further Studies in Data Science and Data Analytics	11/12/2024	7500	300	100%	4
Professional Development and Industry Readiness	11/12/2024	7500	300	100%	4
Advanced Algorithms	11/12/2024	7500	300	100%	4
Tier 3					
Applied Computer Science Project	11/12/2024	15000	600	100%	4
Introduction to Computer Programming: Part 1	11/12/2024	7500	300	100%	4
Introduction to Problem-Solving Techniques: Part 1	11/12/2024	7500	300	100%	4
Mathematics for Computer Science	11/12/2024	7500	300	100%	4
Data Structures	11/12/2024	7500	300	100%	4
Spreadsheets for Data Understanding	11/12/2024	7500	300	100%	4

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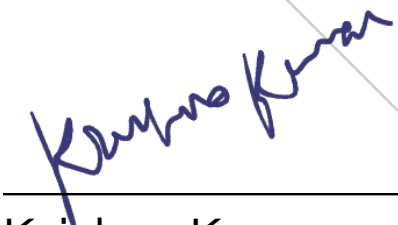
Course title	Completed	Hours	ECTS credits	US percent	GPA
SQL for Data Analytics	11/12/2024	7500	300	100%	4
Data Visualisation Tools	11/12/2024	7500	300	100%	4
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Deep Learning for Computer Vision	11/12/2024	7500	300	100%	4
Deep Learning for Natural Language Processing	11/12/2024	7500	300	100%	4
High Dimensional Data Analysis	11/12/2024	7500	300	100%	4
Introduction to Problem-Solving Techniques: Part 2	11/12/2024	7500	300	100%	4
Computer Systems and Their Fundamentals	11/12/2024	7500	300	100%	4
Front End Development	11/12/2024	7500	300	100%	4
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Product Management for Software Engineers	11/12/2024	7500	300	100%	4
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Design and Analysis of Algorithms	11/12/2024	7500	300	100%	4
Further Studies in Data Science and Data Analytics	11/12/2024	7500	300	100%	4
Professional Development and Industry Readiness	11/12/2024	7500	300	100%	4
Advanced Algorithms	11/12/2024	7500	300	100%	4

Course title	Completed	Hours	ECTS credits	US percent	GPA
		2250	90	100%	4

Transcript issued and signed on 11 December 2024 by:

Dr. Joshua Broggi
Head of Institution

Krishna Kumar
Dean of Learnbay

Student credentials

europass

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification 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.

1. Information identifying the holder of the qualification

1.1. Full name: Tomáš Garrigue Masaryk

1.2. Date of birth (dd/mm/yyyy): 11/12/2024

1.3. Student identification number: 0000000000

2. Information identifying the qualification

2.1. Name of qualification and (if applicable) title conferred (in original language):
    Master of Science in Computer Science

2.2. Main field(s) of study for the qualification: Computer & Mathematical Science

2.3. Name and status of awarding institution (in original language): Woolf

2.4. Name and status of institution (in different from 2.3) administering studies:
    Woolf (established in 2018) is an accredited Higher Education Institution in Malta with license 2019-015 from the Malta Further and Higher Authority.

2.5. Language of instruction/examination: English

3. Information on the level and duration of the qualification

3.1. Level of qualification: ECTS Accredited (EQF7)

3.2. Standard Programme Length: 18 months

3.3. Standard Programme Delivery Length: 18 months

3.4. Access requirements: Undergraduate Degree or Equivalent

4. Information on the programme completed and the results obtained

4.1. Programme learning outcomes:

Knowledge
- Develop a cutting-edge knowledge and understanding of computer science allowing the students to solve real-world engineering and specific computational problems using advanced techniques at the forefront of computer science
- Analyze the societal, regulatory, and technological contexts for key computer science applications
- Identify real-world problems and apply their understanding of computer science techniques and develop innovative solutions.
- Display original thinking on the basis of the knowledge the students gain in the course

Skills
- Develop advanced, innovative, and multi-disciplinary problem-solving skills

- Communicate computer science methods and tools clearly and unambiguously to specialised and non-specialised audiences
- Develop advanced abilities related to computer science operational procedures and implement them in response to changing environments
- Critically evaluate alternative approaches to solving real world engineering and technological problems using cutting edge techniques in computer science on the basis of academic scholarship and case studies, demonstrating reflection on social and ethical responsibilities
- Formulate technological judgments and plans despite incomplete information by integrating knowledge and approaches from various computer science domains including machine learning, distributed computing, and cloud computing.
- Enquire critically into the theoretical strategies for solving real-world problems using computational thinking and tools.
- Develop new skills in response to emerging knowledge and techniques and demonstrate leadership skills and innovation in complex and unpredictable contexts

Competencies
- Formulate research-based solutions to practical problems in environments of incomplete information.
- Manage decisions with autonomy in complex and unpredictable environments.
- Organise projects and people in a way that is responsive to changes in the wider technological environment.
- Demonstrate learning skills needed to maintain continued, self-directed study.

4.2. Programme details, individual credits gained and grades/marks obtained: Refer to the first page of this transcript

4.3. Grading system and, if available, grade distribution table: Refer to the first page of this transcript.

5. Information on the function of the qualification

5.1. Access to further study: Degree Programmes may entitle access to EQF8 Level Study

5.2. Access to a regulated profession (if applicable): Not Applicable

6. Additional information

6.1. Further information sources: **https://legal.woolf.university/accreditation**

7. Certification of the supplement

7.1. Transcript issued and signed on 11 December 2024 by:

7.2.

_____
Dr. Joshua Broggi
Head of Institution

7.3.

_____
Krishna Kumar
Dean of Learnbay

7.4. Official stamp or seal:

GPA	US grade	US percent	UK mark	UK classification	Malta grade	Malta mark	Malta classification	Swiss grade
4	A+	97-100	70+	First class honours	A	80-100%	First class honours	6
3.9	A	94-96	67-69	Upper-second class honours	B	70–79%	Upper-second class honours	
3.7	A-	90–93	65–67	Upper-second class honours				5.5
3.3	B+	87–89	60–64	Lower-second class honours	C	55–69%	Lower-second class honours	
3	B	84–86						
2.7	B-	80–83	55–59	Lower-second class honours				5
2.3	C+	77–79	50–54	Third class honours	D	50–54%	Third class honours	
2	C	74–76						
1.7	C-	70–73	45–49	Third class honours				4.5
1.3	D+	67–69	40–44	Ordinary/unclassified				
1	D	64–66	35–39	Ordinary/unclassified				
0.7	D-	60–63						4
0	F	Below 60	Below 35		F	45–54%		1-3.5