

TRANSCRIPT OF RECORD Bachelor of Science in Computer Science (4 year program)

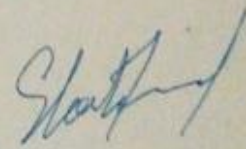
Student ID: BC140400342
Name: Mubashir Iqbal
Father's Name: Khuda Bakhsh Khan
D.O.B: June 18, 1992
CNIC Number: 32102-4610858-9

Registration No: 014-VU-006717
Registration Date: September 09, 2014
Result Notification No: VU-CE/BS/20/0018
Result Notification Date: October 23, 2020
Mode of Study: Regular



Semester	Code	Course Title	Cr. Hrs.	Grade	G.P.	Equiv. Marks	Remarks
Fall 2014	CS101	Introduction to Computing	3	A-	3.83	82.50	
	ENG101	English Comprehension	3	A-	3.76	81.61	
	ISL201	Islamic Studies	1	A	4.00	85.32	
	MGT101	Financial Accounting	3	B	3.16	73.05	
	MTH101	Calculus And Analytical Geometry	3	A	4.00	85.36	
	PAK301	Pakistan Studies	2	B+	3.46	77.01	
Spring 2015	CS201	Introduction to Programming	3	B	3.18	73.21	
	ECO401	Economics	3	B	3.11	72.42	
	ENG201	Business and Technical English Writing	3	B	3.29	74.56	
	MTH202	Discrete Mathematics	3	B	3.22	73.78	
	MTH301	Calculus II	3	B	3.11	72.42	
Spring 2016	CS301	Data Structures	3	B	3.02	71.28	
	CS302	Digital Logic Design	3	B-	2.99	70.96	
	CS304	Object Oriented Programming	3	B-	2.89	70.05	
	CS801	Data Communication	3	B	3.20	73.44	
	PHY101	Physics	3	B-	2.88	70.00	
Fall 2016	CS401	Computer Architecture and Assembly Language Programming	3	B	3.01	71.12	
	CS403	Database Management Systems	3	B	3.06	71.82	
	CS504	Software Engineering - I	3	B	3.07	71.87	
	CS610	Computer Network	3	B	3.12	72.53	
	MGT301	Principles of Marketing	3	B	3.16	72.95	
Spring 2017	CS501	Advance Computer Architecture	3	C	2.27	63.94	
	MCM301	Communication skills	3	B-	2.83	69.53	
	STA301	Statistics and Probability	3	C	2.46	65.95	
Fall 2017	CS502	Fundamentals of Algorithms	3	B-	2.79	69.15	R
	CS602	Computer Graphics	3	B-	2.86	69.81	
	CS605	Software EngineeringII	3	B-	2.86	69.80	
	MGT501	Human Resource Management	3	C	2.11	62.19	
	MTH501	Linear Algebra	3	C	2.48	66.16	
Fall 2018	CS402	Theory of Automata	3	B	3.03	71.41	R
	CS406	Human Computer Interaction	3	B	3.03	71.48	
	CS411	Visual Programming	3	B+	3.40	76.13	
	CS506	Web Design and Development	3	B+	3.38	75.82	
	CS604	Operating Systems	3	B	3.02	71.35	
Spring 2019	CS508	Modern Programming Languages	3	B+	3.34	75.23	
	CS606	Compiler Construction	3	C	2.52	66.58	
	CS607	Artificial Intelligence	3	B	3.12	72.52	
	MTH601	Operations Research	3	B	3.12	72.46	
	CS619	Final Project - CS619	6	A	4.00	85.00	
Fall 2019	CS609	System Programming	3	B	3.18	73.19	
	CS614	Data Warehousing	3	B+	3.41	76.30	
	MGT211	Introduction To Business	3	B	3.17	73.06	
Spring 2020	MTH401	Differential Equations	3	B-	2.80	69.27	R
	MTH603	Numerical Analysis	3	C	2.24	63.65	R

CGPA: 3.09
Overall Equiv. Marks: (3197.24 / 4400) 72.66%
Credits Earned: 132
Credits Transferred: 0
Credits Exempted: 0
Credits Required: 132
All requirements completed



Controller of Examinations

Grading Scheme

Letter Grade	Grade Points	Equivalent Percentage
A+	4.00	90 - 100
A	4.00	85 - 89.99
A-	3.66 - 3.99	80 - 84.99
B+	3.33 - 3.65	75 - 79.99
B	3.00 - 3.32	71 - 74.99
B-	2.66 - 2.99	68 - 70.99
C	2.00 - 2.65	61 - 67.99
D	1.00 - 1.99	50 - 60.99
F	0.00	Below 50

CGPA Calculation Formula:

Rs.1000

HIGHER EDUCATION COMMISSION
PAKISTAN

Barcode: 2546144

Point / Sum of Credit Hours

Grade Point Average

ASIF IQBAL
Attestation Officer
08 FEB 2022
Higher Education Commission
Government of Pakistan
Islamabad

I	Improved
R	Repeat
T	Transfer Credit

*Not to be counted towards CGPA

University Charter Date: September 11, 2002

Previous Degree & Institution Name: FA (Federal Board of Intermediate and Secondary Education, Islamabad)

CHECKED

Assistant Controller (Examinations)
Department of Examinations
Virtual University of Pakistan

Controller of Examinations