



# AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

Dhaka, Bangladesh

## Provisional Certificate

*This is to certify that*

**Koushik Ahmed Kushal**

**15-30317-2**

*has completed the academic requirements leading to  
Bachelor of Science in Computer Science & Software Engineering*

*this*

**SY 2019-2020, Spring Semester**

*Issued this October 25 in the year Two Thousand and Twenty Three  
at Dhaka, Bangladesh*

A handwritten signature in black ink, appearing to read "PIUS COSTA".

**PIUS COSTA**

*Controller of Examinations*

A handwritten signature in black ink, appearing to read "DR. MD. ABDUR RAHMAN".

**DR. MD. ABDUR RAHMAN**

*Pro-Vice Chancellor*



**AIUB**

**AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH**

October 25, 2023

**TO WHOM IT MAY CONCERN**

This is to certify that, Mr./Ms. KOUSHIK AHMED KUSHAL, ID # 15-30317-2, has been a student of this University since Summer Semester 2014-2015. He/She has been studying for four-year Bachelor Degree program in Bachelor of Science in Computer Science & Software Engineering. He/She has earned 142 credits with CGPA 3.21 on a scale of 4.00

It is also certified that the medium of instruction of the University is English and as such he/she has been pursuing his/her studies and examinations in English.

To the best of my knowledge, as a student of the University, he/she bears a good moral character and has not taken part in any activities subversive to the University or of discipline.

I wish him/her every success in life.

DR. MOHAMMAD ZAHIDUL ISLAM KHAN  
REGISTRAR  
AMERICAN INTERNATIONAL UNIVERSITY - BANGLADESH  
Email: registrar@aiub.edu



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# AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

## OFFICE OF THE REGISTRAR

25-Oct-2023

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## Official Transcript

(Provisional)

ID Number: 15-30317-2

Student Name: KOUSHIK AHMED KUSHAL

Course: Bachelor of Science in Computer Science & Software Engineering

| PERIOD COVERED       | CODE    | DESCRIPTION   | CREDITS | FINAL GRADE |
|----------------------|---------|---|---------|-------------|
| 2014-2015,<br>Summer | ENG1101 | ENGLISH READING SKILLS & PUBLIC SPEAKING                                    | 3.00    | A-          |
|                      | MAT1102 | DIFFERENTIAL CALCULUS & CO-ORDINATE GEOMETRY                                | 3.00    | B+          |
|                      | CSC1102 | PROGRAMMING LANGUAGE 1  | 3.00    | A+          |
|                      | CSC1101 | COMPUTER FUNDAMENTALS   | 3.00    | B           |
| 2015-2016, Fall      | CSC1204 | DISCRETE MATHEMATICS  | 3.00    | A+          |
|                      | CSC1203 | PROGRAMMING LANGUAGE 2  | 3.00    | A+          |
|                      | MAT1205 | INTEGRAL CALCULUS & ORDINARY DIFFERENTIAL EQUATIONS                         | 3.00    | B           |
|                      | ENG1202 | ENGLISH WRITING SKILLS & COMMUNICATIONS                                     | 3.00    | C           |
| 2015-2016,<br>Spring | CSC2105 | DATA STRUCTURE  | 3.00    | A           |
|                      | PHY1101 | PHYSICS 1   | 3.00    | B-          |
|                      | PHY1102 | PHYSICS 1 LAB   | 1.00    | B+          |
|                      | MIS3201 | MANAGEMENT INFORMATION SYSTEM   | (3.00)  | W           |
| 2016-2017, Fall      | BBA1204 | PRINCIPLES OF ECONOMICS   | 3.00    | B-          |
|                      | CSC2209 | OBJECT ORIENTED PROGRAMMING 1 (JAVA)  | 3.00    | A+          |
|                      | PHY1203 | PHYSICS 2   | 3.00    | A-          |
|                      | PHY1204 | PHYSICS 2 LAB   | 1.00    | B+          |
| 2016-2017,<br>Spring | BBA1102 | PRINCIPLES OF ACCOUNTING  | 3.00    | C+          |
|                      | ENG2101 | BUSINESS COMMUNICATION  | (3.00)  | W           |
|                      | MAT3103 | STATISTICS AND PROBABILITY  | 3.00    | C+          |
|                      | CSC2107 | INTRODUCTION TO DATABASE  | 3.00    | C+          |
| 2016-2017,<br>Summer | CSC2210 | OBJECT ORIENTED ANALYSIS AND DESIGN   | (3.00)  | D+*         |
|                      | ENG2101 | BUSINESS COMMUNICATION  | 3.00    | C+          |
|                      | CSC2211 | ALGORITHMS  | 3.00    | A           |
|                      | CSC2210 | OBJECT ORIENTED ANALYSIS AND DESIGN   | 3.00    | A-          |
| 2017-2018, Fall      | CSC3114 | SOFTWARE ENGINEERING  | 3.00    | C+          |
|                      | MAT2203 | LINEAR ALGEBRA, COMPLEX VARIABLE, LAPLACE TRANSFORMATION & FOURIER ANALYSIS | 3.00    | B-          |
|                      | CSC2106 | COMPUTER ORGANIZATION AND ARCHITECTURE                                      | 3.00    | B+          |
|                      | CSC4125 | SOFTWARE DEVELOPMENT PROJECT MANAGEMENT                                     | 3.00    | A-          |
| 2017-2018,<br>Spring | CSC4126 | SOFTWARE REQUIREMENT ENGINEERING  | 3.00    | B-          |
|                      | CSC4121 | ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEM                                   | 3.00    | A+          |
|                      | CSC3224 | COMPUTER GRAPHICS   | 3.00    | B-          |
|                      | CSC3113 | THEORY OF COMPUTATION   | 3.00    | B-          |
| 2017-2018,<br>Summer | MAT3101 | MATHEMATICAL METHODS OF ENGINEERING   | 3.00    | C+          |
|                      | CSC3220 | COMPILER DESIGN   | 3.00    | B           |
|                      | CSC2208 | OPERATING SYSTEMS   | 3.00    | C           |
|                      | CSC3217 | COMPUTER SCIENCE MATHEMATICS  | 3.00    | A+          |
| 2018-2019, Fall      | CSC4138 | COMPUTER VISION AND PATTERN RECOGNITION                                     | 3.00    | A+          |
|                      | CSC3115 | OBJECT ORIENTED PROGRAMMING 2   | 3.00    | A           |
|                      | CSC4139 | DATA WAREHOUSE AND DATA MINING  | 3.00    | A           |
|                      | CSC4133 | SOFTWARE QUALITY AND TESTING  | 3.00    | B-          |
|                      | EEE2106 | INTRODUCTION TO ELECTRICAL ENGINEERING                                      | 3.00    | C+          |
|                      | EEE2107 | INTRODUCTION TO ELECTRICAL ENGINEERING LAB                                  | 1.00    | B-          |

Note:

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Grading System :

|    |      |          |                          |
|----|------|----------|--------------------------|
| A+ | 4.00 | 94-100   | I Incomplete             |
| A  | 3.75 | 90-93.99 | W Officially Withdrawn   |
| A- | 3.50 | 86-89.99 | UW Unofficial Withdrawn  |
| B+ | 3.25 | 82-85.99 | P Passed                 |
| B  | 3.00 | 78-81.99 | FD Failed (Disciplinary) |
| B- | 2.75 | 74-77.99 |                          |
| C+ | 2.50 | 70-73.99 |                          |
| C  | 2.25 | 66-69.99 |                          |
| C- | 2.00 | 62-65.99 |                          |
| D+ | 1.75 | 58-61.99 |                          |
| D  | 1.50 | 54-57.99 |                          |
| D- | 1.00 | 50-53.99 |                          |
| F  | 0.00 | 00-49.99 |                          |

Checked & Verified By :

Approved by :

AUTHORIZED SIGNATURE

CONTROLLER OF EXAMINATIONS

25-Oct-2023

DATE

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2007



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# AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

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## Official Transcript

(Provisional)

ID Number: 15-30317-2

Student Name: KOUSHIK AHMED KUSHAL

Course: Bachelor of Science in Computer Science & Software Engineering

| PERIOD COVERED       | CODE    | DESCRIPTION                | CREDITS | FINAL GRADE |
|----------------------|---------|----------------------------|---------|-------------|
| 2018-2019,<br>Spring | CSC3116 | COMPUTER NETWORKS          | 3.00    | C+          |
|                      | CSC4195 | RESEARCH METHODOLOGY       | 3.00    | B-          |
|                      | CSC3222 | WEB TECHNOLOGIES           | 3.00    | B           |
|                      | EEE2205 | DIGITAL LOGIC DESIGN       | 3.00    | C           |
|                      | EEE2206 | DIGITAL LOGIC DESIGN LAB   | 1.00    | A-          |
| 2018-2019,<br>Summer | CSC3255 | SOFTWARE PROJECT I         | 3.00    | A+          |
| 2019-2020, Fall      | CSC3223 | ADVANCED COMPUTER NETWORKS | 3.00    | B+          |
|                      | CSC4140 | HUMAN COMPUTER INTERACTION | 3.00    | A+          |
|                      | MGT3202 | ENGINEERING MANAGEMENT     | 3.00    | A+          |
| 2019-2020,<br>Spring | CSC4256 | SOFTWARE PROJECT II        | 3.00    | A+          |
|                      | CSC4296 | INTERNSHIP                 | 3.00    | A+          |

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**Remarks:**

Issued this October 25 in the year Two Thousand and Twenty Three, For reference purpose only.

**Performance Summary:**

|                |   |        |
|----------------|---|--------|
| Credits Earned | : | 142.00 |
| Credits Waived | : | 0.00   |
| Course Passed  | : | 50.00  |
| Cumm. GPA      | : | 3.21   |

N.B. The medium of instruction and examination of the University is ENGLISH.

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| A- | 3.50 | 86-89.99 |
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| B  | 3.00 | 78-81.99 |
| B- | 2.75 | 74-77.99 |
| C+ | 2.50 | 70-73.99 |
| C  | 2.25 | 66-69.99 |
| C- | 2.00 | 62-65.99 |
| D+ | 1.75 | 58-61.99 |
| D  | 1.50 | 54-57.99 |
| D- | 1.00 | 50-53.99 |
| F  | 0.00 | 00-49.99 |



I Incomplete  
W Officially Withdraw  
UW Unofficial Withdraw  
P Passed  
FD Failed (Disciplinary)

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