Name: Alexander T. Benlolo

Student ID: ###### Birthdate: 03-23-####

## **Towson University**

OFFICE OF THE REGISTRAR 8000 YORK ROAD TOWSON, MARYLAND 21252-0001

## **Unofficial Transcript**

| Print Date: | 01-07-2021                                |                      |           |        |         |               | Program           |                     | Sachelor of Science                               | Sprg 2019                   |                  |                |                |                   |
|-------------|---|----------------------|-----------|--------|---------|---------------|-------------------|---------------------|---|-----------------------------|------------------|----------------|----------------|-------------------|
|             | Beginn                                    | ing of Undergraduate | Record    |        |         |               | Plan:<br>Subplan: |                     | Computer Science Major<br>Computer Security Track |                             |                  |                |                |                   |
|             |   | F-II 0047            |           |        |         |               | Course            |                     | Description                                       |                             | Attempted        | Earned         | <u>Grade</u>   | <u>Points</u>     |
| Program: Ba | chelor of Science                         | Fall 2017            |           |        |         |               | COSC              | 109                 | COMPUTERS AND CR                                  | REATIVITY                   | 3.00             | 3.00           | B-             | 8.010             |
|             | mputer Science Major                      |                      |           |        |         |               | COSC              | 336                 | DATA STRUCT/ALGOR                                 | RTHM ANALYSIS               | 4.00             | 4.00           | Α              | 16.000            |
| Course      | Description                               |                      | Attempted | Earned | Grade   | Points        | KNES              | 235                 | PHYSICAL WELLNESS                                 | SAMERICA                    | 3.00             | 3.00           | Α              | 12.000            |
| COSC 175    | GEN COMPUTER SC                           | ı                    | 4.00      | 4.00   | Α       | 16.000        | MATH              | 263                 | DISCRETE MATHEMA                                  |                             | 3.00             | 3.00           | B+             | 9.990             |
| HIST 161    | WORLD HISTORY SI                          |                      | 3.00      | 3.00   | A       | 12.000        | SOCI              | 101                 | INTRODUCTION TO S                                 | OCIOLOGY                    | 3.00             | 3.00           | Α              | 12.000            |
| MATH 273    | CALCULUS I                                |                      | 4.00      | 4.00   | A-      | 14.680        |                   |                     |   |                             |                  |                | GPA Hrs        |                   |
| TSEM 102    | TOWSON SEMINAR                            |                      | 3.00      | 3.00   | В       | 9.000         |                   | Term GPA<br>Cum GPA |   | Term Totals:<br>Cum Totals: | 16.00<br>60.00   | 16.00<br>60.00 | 16.00<br>60.00 | 58.000<br>211.010 |
| Topic:      | MUSC:Mozart: Man, M                       | lyth, Music          |           |        |         |               |                   | Cum GPA             |   | Cum rotais:                 | 60.00            | 60.00          | 60.00          | 211.010           |
|             |   |                      |           |        | GPA Hrs |               |                   |                     | Dean's List                                       |                             |                  |                |                |                   |
| Term GPA:   |   | Term Totals:         | 14.00     | 14.00  | 14.00   | 51.680        |                   |                     |   |                             |                  |                |                |                   |
| Cum GPA:    |   | Cum Totals:          | 14.00     | 14.00  | 14.00   | 51.680        |                   |                     |   | Fall 2019                   |                  |                |                |                   |
|             | Dean's List                               |                      |           |        |         |               | Program<br>Plan:  |                     | achelor of Science<br>computer Science Major      |                             |                  |                |                |                   |
|             |   |                      |           |        |         |               | Subplan:          | . C                 | byber Operations Track                            |                             |                  |                |                |                   |
| _           |   | Sprg 2018            |           |        |         |               | Plan:             | М                   | lathematics Minor                                 |                             |                  |                |                |                   |
|             | chelor of Science<br>mputer Science Major |                      |           |        |         |               | Course            |                     | <u>Description</u>                                |                             | <u>Attempted</u> | Earned         | <u>Grade</u>   | <b>Points</b>     |
|             | mputer Security Track                     |                      |           |        |         |               | cosc              | 290                 | PRINCIPLES OF COM                                 | PUTER ORGANIZ               | 4.00             | 4.00           | Α              | 16.000            |
| Course      | Description                               |                      | Attempted | Earned | Grade   | Points        | ENGL              | 317                 | WRITING BUSINESS 8                                | & INDUSTRY                  | 3.00             | 3.00           | Α              | 12.000            |
| COSC 236    | INTRO TO COMPUTE                          | D SCIENCE I          | 4.00      | 4.00   | Α       | 16.000        | MATH              | 314                 | INTRODUCTION TO C                                 | RYPTOGRAPHY                 | 3.00             | 3.00           | Α              | 12.000            |
| ENGL 102    | WRITING FOR LIBER                         |                      | 3.00      | 3.00   | A       | 12.000        | MATH              | 330                 | INTRO TO STATISTIC                                | AL METHODS                  | 4.00             | 4.00           | В              | 12.000            |
| GEOL 121    | PHYSICAL GEOLOGY                          |                      | 4.00      | 4.00   | B+      | 13.320        |                   |                     |   |                             |                  |                | GPA Hrs        |                   |
| MATH 274    | CALCULUS II                               |                      | 4.00      | 4.00   | В       | 12.000        |                   | Term GPA            |   | Term Totals:                | 14.00            | 14.00          | 14.00          | 52.000            |
|             |   |                      |           |        | GPA Hrs |               |                   | Cum GPA             |   | Cum Totals:                 | 74.00            | 74.00          | 74.00          | 263.010           |
| Term GPA:   | 3.555                                     | Term Totals:         | 15.00     | 15.00  | 15.00   | 53.320        |                   |                     | Dean's List                                       |                             |                  |                |                |                   |
| Cum GPA:    | 3.621                                     | Cum Totals:          | 29.00     | 29.00  | 29.00   | 105.000       |                   |                     |   |                             |                  |                |                |                   |
|             | Dean's List                               |                      |           |        |         |               |                   |                     |   | Sprg 2020                   |                  |                |                |                   |
|             |   |                      |           |        |         |               | Program           |                     | Sachelor of Science                               |                             |                  |                |                |                   |
|             |   | F-II 0040            |           |        |         |               | Plan:<br>Subplan: |                     | Computer Science Major<br>Cyber Operations Track  |                             |                  |                |                |                   |
| Program: Ba | chelor of Science                         | Fall 2018            |           |        |         |               | Plan:             |                     | Mathematics Minor                                 |                             |                  |                |                |                   |
| Plan: Co    | mputer Science Major                      |                      |           |        |         |               | Course            |                     | Description                                       |                             | Attempted        | Earned         | Grade          | Points            |
| Subplan: Co | mputer Security Track                     |                      |           |        |         |               |                   | 050                 |   | IODIVINO                    |                  |                |                |                   |
| Course      | Description                               |                      | Attempted | Earned | Grade   | <u>Points</u> | COSC              | 350<br>418          | DATA COMM & NETW<br>ETHICAL & SOCIETAL            |                             | 3.00<br>3.00     | 3.00           | A<br>A         | 12.000<br>12.000  |
| ASTR 161    | GENERAL ASTRONO                           | MYI                  | 4.00      | 4.00   | В       | 12.000        | COSC              | 439                 | OPERATING SYSTEM                                  |                             | 3.00             | 3.00           | A              | 12.000            |
| COMM 131    | FUNDAMENTALS SP                           |                      | 3.00      | 3.00   | B-      | 8.010         | COSC              | 455                 | PROG LANG:DSIGN/IN                                |                             | 3.00             | 3.00           | B+             | 9.990             |
| COSC 237    | INTRO TO COMPUTE                          | R SCIENCE II         | 4.00      | 4.00   | Α       | 16.000        | COSC              | 457                 | DATABASE MANAGEN                                  |                             | 3.00             | 3.00           | A-             | 11.010            |
| MATH 275    | CALCULUS III                              |                      | 4.00      | 4.00   | В       | 12.000        | 2000              |                     | 555E W (OE)                                       | 0.0121110                   | 0.00             | 3.00           | GPA Hrs        |                   |
|             |   |                      |           |        | GPA Hrs |               |                   | Term GPA            | A: 3.800  | Term Totals:                | 15.00            | 15.00          | 15.00          | 57.000            |
| Term GPA:   | 3.201                                     | Term Totals:         | 15.00     | 15.00  | 15.00   | 48.010        |                   | Cum GPA             |   | Cum Totals:                 | 89.00            | 89.00          | 89.00          | 320.010           |
|             |   |                      |           |        |         |               |                   | Cuin Ci /           |   |                             |                  |                |                |                   |
| Cum GPA:    | 3.478                                     | Cum Totals:          | 44.00     | 44.00  | 44.00   | 153.010       |                   |                     | es were completed during                          |                             |                  |                | 00.00          |                   |

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|          |                              |               |  | Fall 20                   | 020         |           |        |         |         |
|----------|------------------------------|---------------|--|---------------------------|-------------|-----------|--------|---------|---------|
|          | Program<br>Plan:<br>Subplan: | Cor           | chelor of Science<br>mputer Science Noer Operations Tr | 1ajor                     |             |           |        |         |         |
|          | Course                       |               | Description  |                           |             | Attempted | Earned | Grade   | Points  |
|          | cosc                         | 310<br>Topic: | SPECIAL TOP  | C: ADV PROGRAMN<br>amming | MING        | 3.00      | 3.00   | Α       | 12.000  |
|          | COSC                         | 412           | SOFTWARE E   | NGINEERING                |             | 3.00      | 3.00   | Α       | 12.000  |
|          | COSC                         | 440           | OPERATING S  | YSTEMS SECURITY           | 1           | 3.00      | 3.00   | Α       | 12.000  |
|          | COSC                         | 450           | NETWORK SE   | CURITY                    |             | 3.00      | 3.00   | Α       | 12.000  |
|          | COSC                         | 458           | APPLICATION  | SOFTWARE SECUP            | RITY        | 3.00      | 3.00   | Α       | 12.000  |
| ITEC 201 |                              | 201           | METROPOLITAN IT INFRASTRUCTURE                         |                           |             | 3.00      | 3.00   | Α       | 12.000  |
|          |                              |               |  |                           |             |           |        | GPA Hrs |         |
|          |                              | Term GPA:     | 4.000  | Term Tota                 | ls:         | 18.00     | 18.00  | 18.00   | 72.000  |
|          |                              | Cum GPA:      | 3.664  | Cum Total                 |             | 107.00    | 107.00 | 107.00  | 392.010 |
|          | Fall 2020                    | courses we    | ere completed du                                       | ring a state and nation   | onal emerge | ncy.      |        |         |         |
|          |                              |               |  |                           |             |           |        |         |         |

Dean's List

|                             |            |   | Sprg 2021           |           |                |              |         |
|-----------------------------|------------|---|---------------------|-----------|----------------|--------------|---------|
| Prograr<br>Plan:<br>Subplar | Co         | achelor of Science<br>omputer Science Notes of the Control of the Con | ∕lajor              |           |                |              |         |
| Course                      |            | Description   |                     | Attempted | Earned         | <u>Grade</u> | Points  |
| cosc                        | 467        | FOUNDATION  | S OF DATA MINING    | 3.00      | 0.00           |              | 0.000   |
| COSC                        | 481        | CASE STUDIE   | S COMPUTER SECURITY | 3.00      | 0.00           |              | 0.000   |
| COSC                        | 485        | REVERSE EN  | G MALWARE ANALYSIS  | 3.00      | 0.00           |              | 0.000   |
| HLTH                        | 220        | SEXUALITY IN  | DIVERSE SOCIETY     | 3.00      | 0.00           |              | 0.000   |
| PHIL                        | 101        | INTRODUCTIO   | ON TO PHILOSOPHY    | 3.00      | 0.00           |              | 0.000   |
|                             |            |   |                     |           |                | GPA Hrs      |         |
|                             | Term GPA   | : 0.000   | Term Totals:        | 15.00     | 0.00           | 0.00         | 0.000   |
|                             | Cum GPA:   | 3.664   | Cum Totals:         | 122.00    | 107.00         | 107.00       | 392.010 |
| Underg                      | raduate Ca | reer Totals   |                     |           |                |              |         |
| Cum GI                      | PA:        | 3.664   | 122.00              | 107.00    | 107.00 392.010 |              |         |

Cnra 2021

Catalog Year 2017-2018

End of Undergraduate Record End of Transcript