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Ryerson was established in 1948 by an Ontario Act of Parliament and continues today as a public research university in Toronto, Ontario, Canada. Ryerson is a member of Universities Canada, the Association of Commonwealth Universities and the Council of Ontario Universities, and is home to 48,000 students enrolled in over 100 programs leading to bachelor's, master's, doctoral, and JD degrees. The university is home to nine academic Faculties: The Creative School, the Ted Rogers School of Management, the Lincoln Alexander School of Law, the Yeates School of Graduate Studies and the Faculties of Science, Community Services, Arts and Engineering & Architectural Science. Ryerson's G. Raymond Chang School of Continuing Education is the largest CE division in Canada offering a wide range of certificates and remote learning courses.

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# OFFICIAL TRANSCRIPT

Undergraduate

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Print Date : 2022-05-11  
Name : Ahmed, Nayeem  
Student ID : 500902679  
Birthdate : 06/29

OEN : 801829110

Winter 2019

Session : Engineering Regular

| Course  | Description                  | Earned | Grade |
|---------|------------------------------|--------|-------|
| CPS 125 | Digital Computation and Prog | 1.00   | C-    |
| ECN 801 | Principles of Eng Economics  | 1.00   | B     |
| ELE 202 | Electric Circuit Analysis    | 1.00   | D-    |
| MTH 240 | Calculus II                  | 1.00   | A-    |
| PCS 125 | Physics: Waves and Fields    | 1.00   | A-    |

Session : Undergraduate Regular

| Course  | Description                  | Earned | Grade |
|---------|------------------------------|--------|-------|
| ECN 440 | Booms, Busts, Panics, Manias | 1.00   | B-    |

TERM GPA : 2.560 TERM TOTALS : 6.00

Academic Standing: Clear

Fall 2019

Session : Engineering Regular

| Course  | Description                    | Earned | Grade |
|---------|--------------------------------|--------|-------|
| COE 318 | Software Systems               | 1.00   | A-    |
| ELE 302 | Electric Networks              | 1.00   | C+    |
| MTH 312 | Diff Equat and Vector Calculus | 1.00   | D     |
| PCS 224 | Solid State Physics            | 1.00   | B+    |

TERM GPA : 2.580 TERM TOTALS : 4.00

Academic Standing: Clear

## - - - - Academic Program History - - - -

Program : Bachelor of Engineering  
2018-07-21 : Active in Program  
2018-07-21 : Computer Engineering Major  
2020-03-12 : Active in Program  
2020-03-12 : CompEng: SoftwareEng Option Major

## - - - - Beginning of Undergraduate Record - - - -

Fall 2018

Session : Engineering Regular

| Course  | Description                 | Earned | Grade |
|---------|-----------------------------|--------|-------|
| CEN 100 | Introduction to Engineering | 1.00   | B     |
| CEN 199 | Writing Skills              | 1.00   | PSD   |
| CHY 102 | General Chemistry           | 1.00   | B+    |
| MTH 140 | Calculus I                  | 0.00   | C+    |
| MTH 141 | Linear Algebra              | 1.00   | B     |
| PCS 211 | Physics: Mechanics          | 1.00   | C-    |

TERM GPA : 2.750 TERM TOTALS : 5.00

Academic Standing: Clear



## Winter 2020

TERM GPA : 2.870 TERM TOTALS : 5.00

## Session : Engineering Regular

Academic Standing: Clear

| <u>Course</u> | <u>Description</u>             | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------------------|---------------|--------------|
| CMN 432       | Comm in Engin Professions      | 1.00          | B+           |
| COE 428       | Algorithms and Data Structures | 1.00          | A-           |
| COE 528       | Object Orientd Analysis Design | 1.00          | B            |
| ELE 404       | Electronic Circuits I          | 1.00          | B+           |
| MTH 314       | Discrete Math for Engineers    | 1.00          | A-           |

TERM GPA : 3.400 TERM TOTALS : 5.00

Dean's List  
Academic Standing: Clear

## Spring/Summer 2020

## Session : Engineering Transition Summer

| <u>Course</u> | <u>Description</u> | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------|---------------|--------------|
| COE 328       | Digital Systems    | 1.00          | A+           |

TERM GPA : 4.330 TERM TOTALS : 1.00

Academic Standing: Clear

## Fall 2020

## Session : Engineering Regular

| <u>Course</u> | <u>Description</u>            | <u>Earned</u> | <u>Grade</u> |
|---------------|-------------------------------|---------------|--------------|
| COE 538       | Microprocessor Systems        | 1.00          | A            |
| ELE 532       | Signals and Systems I         | 1.00          | C            |
| MEC 511       | Thermodynamics and Fluids     | 1.00          | D+           |
| MTH 514       | Prob and Stochastic Processes | 1.00          | B            |

## Session : Undergraduate Regular

| <u>Course</u> | <u>Description</u> | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------|---------------|--------------|
| CPS 510       | Database Systems I | 1.00          | A            |

## Winter 2021

## Session : Engineering Regular

| <u>Course</u> | <u>Description</u>             | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------------------|---------------|--------------|
| COE 608       | Computer Organization and Arch | 1.00          | B+           |
| COE 628       | Operating Systems              | 1.00          | A-           |
| COE 691       | Software REqs Analysis & SPEC  | 1.00          | B-           |
| COE 692       | Software Design Architecture   | 1.00          | A            |

## Session : Undergraduate Regular

| <u>Course</u> | <u>Description</u>           | <u>Earned</u> | <u>Grade</u> |
|---------------|------------------------------|---------------|--------------|
| CPS 688       | Adv. Algorithms              | 1.00          | C            |
| POL 507       | Power, Change and Technology | 1.00          | A-           |

TERM GPA : 3.220 TERM TOTALS : 6.00

Academic Standing: Clear

## Spring/Summer 2021

## Session : Summer - Regular

| <u>Course</u> | <u>Description</u>     | <u>Earned</u> | <u>Grade</u> |
|---------------|------------------------|---------------|--------------|
| CHST 504      | World Conflict 1900-45 | 1.00          | A-           |

TERM GPA : 3.670 TERM TOTALS : 1.00

Academic Standing: Clear

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## Fall 2021

### Session : Engineering Regular

| <u>Course</u> | <u>Description</u>             | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------------------|---------------|--------------|
| COE 758       | Digital Systems Engineering    | 1.00          | A            |
| COE 768       | Computer Networks              | 1.00          | A-           |
| ELE 734       | Low Pwr Dgtl Integrated Circts | 1.00          | C+           |
| MTH 140       | Calculus I                     | 1.00          | A-           |

Repeated: Repeated - Included in GPA

### Session : Undergraduate Regular

| <u>Course</u> | <u>Description</u>          | <u>Earned</u> | <u>Grade</u> |
|---------------|-----------------------------|---------------|--------------|
| CPS 714       | Software Project Management | 1.00          | A+           |
| POL 128       | Politics and Film           | 1.00          | A            |

TERM GPA : 3.670 TERM TOTALS : 6.00

Academic Standing: Clear

## Winter 2022

### Session : Engineering Regular

| <u>Course</u> | <u>Description</u>             | <u>Earned</u> | <u>Grade</u> |
|---------------|--------------------------------|---------------|--------------|
| CEN 800       | Law and Ethics in Eng Practice | 1.00          | A-           |
| COE 70B       | COE Engineering Capstone Des-B | 2.00          | A+           |
| COE 848       | Fund. of Data Engineering      | 1.00          | A-           |
| COE 891       | Software Testing and QA        | 1.00          | C-           |
| COE 892       | Distributed Cloud Computing    | 1.00          | B            |
| ELE 888       | Intelligent Systems            | 1.00          | B            |

TERM GPA : 3.380 TERM TOTALS : 7.00

Academic Standing: Clear

CUM GPA : 3.130 CUM TOTALS : 46.00

### Bachelor of Engineering Totals

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