

Name: David Josephs Student ID: 0393075

| Institution Info:     | C          | Clarkson University                   |                  |                |              |                  | Course            |            | Description                                     | Attempted        | Earned         | <u>Grade</u> | <u>Points</u>    |
|-----------------------|------------|---------------------------------------|------------------|----------------|--------------|------------------|-------------------|------------|---|------------------|----------------|--------------|------------------|
|                       |            |                                       |                  |                |              |                  | CM<br>CS          | 132<br>141 | General Chemistry II<br>Intro to Comp Sci I     | 4.000<br>4.000   | 4.000<br>4.000 | B+<br>A      | 14.000<br>16.000 |
| Drint Date:           | 0          | 6/13/2018                             |                  |                |              |                  | ES                | 100        | Int to Eng Use of                               | 2.000            | 2.000          | B+           | 7.000            |
| Print Date:           | U          | 6/13/2018                             |                  |                |              |                  | MA                | 232        | Computer<br>Elementary<br>Differential Eq       | 3.000            | 3.000          | B+           | 10.500           |
|                       |            | Beginning of Underg                   | raduate Record   |                |              |                  | PH                | 132        | Physics II                                      | 4.000            | 4.000          | В            | 12.000           |
|                       |            | Fall 20                               | .42              |                |              |                  |                   |            |   | <u>Attempted</u> | Earned         | GPA Units    | <u>Points</u>    |
| Program:              |            | e Clarkson School                     | 713              |                |              |                  | Term GPA          |            | 3.500 Term Totals                               | 17.000           | 17.000         | 17.000       | 59.500           |
| Plan:                 | The        | e Clarkson School Major               |                  |                |              |                  |                   |            |   | Attempted        | Earned         | GPA Units    | Points           |
| Program:<br>Plan:     | Otl<br>Un  | ner<br>iversity Studies Major         |                  |                |              |                  | Cum GPA           |            | 3.250 Cum Totals                                | 35.000           | 50.000         | 34.000       | 110.500          |
| Course                |            | <u>Description</u>                    | <u>Attempted</u> | Earned         | <u>Grade</u> | <u>Points</u>    | Dean's List       |            |   |                  |                |              |                  |
| CM<br>MA              | 131<br>132 | General Chemistry I<br>Calculus II    | 4.000<br>3.000   | 4.000<br>3.000 | B+<br>B      | 14.000<br>9.000  | Good Standing     |            |   |                  |                |              |                  |
| PE                    | 100        | First Year Seminar                    | 1.000            | 1.000          | P            | 0.000            | · ·               |            |   |                  |                |              |                  |
| PH<br>POL             | 131<br>220 | Physics I<br>American Politics        | 4.000<br>3.000   | 4.000<br>3.000 | C+<br>B+     | 10.000<br>10.500 |                   |            | Fall 20   | 14               |                |              |                  |
| UNIV                  | 190        | The Clarkson<br>Seminar               | 3.000            | 3.000          | C+           | 7.500            | Program:<br>Plan: |            | dergraduate A&S Science<br>mputer Science Major |                  |                |              |                  |
|                       |            | Seminal                               |                  |                |              |                  | Program:          |            | dergraduate Engineering                         |                  |                |              |                  |
| Transfer Credit f     |            |                                       |                  |                |              |                  | Plan:             | Coi        | mputer Engineering Major                        |                  |                |              |                  |
| Applied Toward Course | The Clarks | son School Program <u>Description</u> | Attempted        | Earned         | <u>Grade</u> | <u>Points</u>    | Course            |            | <u>Description</u>                              | Attempted        | <u>Earned</u>  | <u>Grade</u> | <u>Points</u>    |
| COMM                  | 101        | Introductory Writing                  | 3.000            | 3.000          | T            | 0.000            | COMM              | 217        | Intro to Public<br>Speaking                     | 3.000            | 3.000          | B+           | 9.990            |
| LANG                  | 103        | Intro to Spanish                      | 3.000            | 3.000          | Ť            | 0.000            | CS                | 142        | Intro to Comp Sci II                            | 3.000            | 3.000          | B-           | 8.010            |
| LANG                  | 153        | Intermediate Spanish                  | 3.000            | 3.000          | Ţ            | 0.000            | ES                | 247        | Sophomore                                       | 0.000            | 0.000          | Р            | 0.000            |
| MA                    | 31         | Pre-Calculus<br>Mathematics           | 3.000            | 3.000          | Т            | 0.000            |                   |            | Research<br>Experience                          |                  |                |              |                  |
| MA                    | 131        | Calculus I                            | 3.000            | 3.000          | Т            | 0.000            | ES                | 250        | Electrical Science                              | 3.000            | 3.000          | C-           | 5.010            |
| Course Trans G        | ΠΛ.        | 0.000 Transfer Totals:                | 21.000           | 15.000         |              | 0.000            | ES                | 260        | Materials Science &                             | 3.000            | 3.000          | C+           | 6.990            |
| Course Trans G        | PA:        | 0.000 Transier rotals:                | 21.000           | 15.000         |              | 0.000            | MA                | 211        | Eng I<br>Foundations                            | 3.000            | 3.000          | C+           | 6.990            |
|                       |            |                                       |                  |                |              |                  | MA                | 231        | Calculus III                                    | 3.000            | 3.000          | C            | 6.000            |
|                       |            |                                       | Attempted        | Earned         | GPA Units    | <u>Points</u>    |                   |            |   | <u>Attempted</u> | Earned         | GPA Units    | <u>Points</u>    |
| Term GPA              |            | 3.000 Term Totals                     | 18.000           | 18.000         | 17.000       | 51.000           | Term GPA          |            | 2.388 Term Totals                               | 18.000           | 18.000         | 18.000       | 42.990           |
|                       |            |                                       | Attempted        | Earned         | GPA Units    | <u>Points</u>    |                   |            |   | <u>Attempted</u> | Earned         | GPA Units    | <u>Points</u>    |
| Cum GPA               |            | 3.000 Cum Totals                      | 18.000           | 33.000         | 17.000       | 51.000           | Cum GPA           |            | 2.952 Cum Totals                                | 53.000           | 68.000         | 52.000       | 153.490          |
| Good Standing         |            |                                       |                  |                |              |                  | Good Standing     |            |   |                  |                |              |                  |
|                       |            |                                       |                  |                |              |                  |                   |            |   |                  |                |              |                  |

Spring 2014

The Clarkson School The Clarkson School Major Program: Plan:

Other University Studies Major Program: Plan:



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|                   |       | Spring 2                                | 0015             |        |              |               |                   |            |  |                  |                |                  |                 |
|-------------------|-------|---|------------------|--------|--------------|---------------|-------------------|------------|--|------------------|----------------|------------------|-----------------|
| Program:          | Unde  | rgraduate A&S Science                   | 2015             |        |              |               |                   |            |  | <u>Attempted</u> | Earned         | GPA Units        | <u>Points</u>   |
| Plan:<br>Plan:    |       | uter Science Major in Mathematics Minor |                  |        |              |               | Term GPA          |            | 3.334 Term Totals  | 15.000           | 15.000         | 15.000           | 50.004          |
| Program:          | Unde  | rgraduate Engineering                   |                  |        |              |               |                   |            |  | <u>Attempted</u> | Earned         | <b>GPA Units</b> | <u>Points</u>   |
| Plan:             | Comp  | uter Engineering Major                  |                  |        |              |               | Cum GPA           |            | 2.960 Cum Totals   | 89.000           | 104.000        | 88.000           | 260.500         |
| Course            |       | <u>Description</u>                      | <u>Attempted</u> | Earned | <u>Grade</u> | <u>Points</u> | Dean's List       |            |  |                  |                |                  |                 |
| CS                | 344   | Algorithms and Data<br>Structures       | 3.000            | 3.000  | C+           | 7.002         |                   |            |  |                  |                |                  |                 |
| EE                | 211   | ECE Laboratory I                        | 3.000            | 3.000  | C+           | 7.002         | Good Standing     |            |  |                  |                |                  |                 |
| EE                | 221   | Linear Circuits                         | 3.000            | 3.000  | C            | 6.000         |                   |            |  |                  |                |                  |                 |
| EE                | 264   | Introduction to Digital                 | 3.000            | 3.000  | B+           | 10.002        |                   |            | Spring 2   | 016              |                |                  |                 |
|                   | 004   | Design                                  | 0.000            | 0.000  | •            | 40.000        | Program:<br>Plan: |            | dergraduate A&S Science<br>mputer Science Major              |                  |                |                  |                 |
| EE                | 361   | Fundamentals of<br>Software Eng         | 3.000            | 3.000  | Α            | 12.000        | Plan:             |            | nor in Mathematics Minor                                     |                  |                |                  |                 |
| MA                | 339   | Applied Linear                          | 3.000            | 3.000  | D            | 3.000         | Course            |            | Description  | Attempted        | Earned         | <u>Grade</u>     | Points          |
|                   |       | Algebra                                 |                  |        |              |               | EC                | 315        | Adk Econ &   | 3.000            | 3.000          | В                | 9.000           |
|                   |       |   | <u>Attempted</u> | Earned | GPA Units    | <u>Points</u> |                   |            | Entrepreneurship   |                  |                |                  |                 |
| Term GPA          |       | 2.500 Term Totals                       | 18.000           | 18.000 | 18.000       | 45.006        | EV                | 312        | Adirondack Eco &   | 3.000            | 3.000          | A-               | 11.001          |
|                   |       |   | Attoroptod       | Farnad | CDA Unito    | Deinte        | EV                | 314        | Env Sci<br>Adirondack  | 3.000            | 3.000          | В                | 9.000           |
|                   |       |   | Attempted        | Earned | GPA Units    | <u>Points</u> |                   |            | Integrated Research  |                  |                |                  |                 |
| Cum GPA           |       | 2.836 Cum Totals                        | 71.000           | 86.000 | 70.000       | 198.496       | EV                | 320        | Soc / Pol Issues in<br>the Adir                              | 3.000            | 3.000          | В                | 9.000           |
| Good Standing     |       |   |                  |        |              |               | EV                | 322        | Adirondack Park  | 3.000            | 3.000          | Α                | 12.000          |
|                   |       |   |                  |        |              |               |                   |            |  | Attempted        | Earned         | GPA Units        | <u>Points</u>   |
| Drosson           | Llada | Summer<br>rgraduate A&S Science         | 2015             |        |              |               | Term GPA          |            | 3.333 Term Totals  | 15.000           | 15.000         | 15.000           | 50.001          |
| Program:<br>Plan: |       | uter Science Major                      |                  |        |              |               |                   |            |  |                  |                |                  |                 |
| Plan:             |       | in Mathematics Minor                    |                  |        |              |               |                   |            |  | <u>Attempted</u> | Earned         | GPA Units        | <u>Points</u>   |
| Course            |       | Description                             | Attempted        | Earned | <u>Grade</u> | <u>Points</u> | Cum GPA           |            | 3.015 Cum Totals   | 104.000          | 119.000        | 103.000          | 310.501         |
| STAT              | 383   | Probability and                         | 3.000            | 3.000  | Α            | 12.000        | Dean's List       |            |  |                  |                |                  |                 |
|                   |       | Statistics                              |                  |        |              |               | Dealt's List      |            |  |                  |                |                  |                 |
|                   |       |   | <u>Attempted</u> | Earned | GPA Units    | <u>Points</u> | Good Standing     |            |  |                  |                |                  |                 |
| Term GPA          |       | 4.000 Term Totals                       | 3.000            | 3.000  | 3.000        | 12.000        |                   |            | Fall 20°   | 16               |                |                  |                 |
|                   |       |   | Attempted        | Earned | GPA Units    | Points        | Program:          | Un         | dergraduate A&S Science                                      | 10               |                |                  |                 |
| Cum GPA           |       | 2.884 Cum Totals                        | 74.000           | 89.000 | 73.000       | 210.496       | Plan:             |            | mputer Science Major   |                  |                |                  |                 |
| Ouill Of A        |       | 2.004 Outil Totals                      | 74.000           | 03.000 | 73.000       | 210.430       | Plan:<br>Plan:    |            | nor in Mathematics Minor<br>nor in Environmental Policy Mino | r                |                |                  |                 |
|                   |       | Fall 20                                 | 115              |        |              |               |                   | IVIII      | ,  |                  |                |                  |                 |
| Program:          | Unde  | rgraduate A&S Science                   | ,10              |        |              |               | Course            |            | Description  | Attempted        | Earned         | <u>Grade</u>     | Points          |
| Plan:             |       | uter Science Major                      |                  |        |              |               | CS                | 455        | Computer Networks  | 3.000            | 3.000          | C-               | 5.001           |
| Plan:             | Minor | in Mathematics Minor                    |                  |        |              |               | CS<br>CS          | 456<br>499 | Cryptography<br>Professional                                 | 3.000<br>0.000   | 3.000<br>0.000 | A<br>P           | 12.000<br>0.000 |
| Course            |       | <u>Description</u>                      | <u>Attempted</u> | Earned | <u>Grade</u> | <u>Points</u> | 00                | 433        | Experience   | 0.000            | 0.000          |                  | 0.000           |
| CS                | 242   | Adv Prog Concepts                       | 3.000            | 3.000  | A-           | 11.001        | IS                | 314        | Database Design &  | 3.000            | 3.000          | B-               | 8.001           |
| 00                | 0.44  | in Java                                 | 0.000            | 0.000  |              | 0.004         | LW                | 270        | Management<br>Law and Society I                              | 3.000            | 3.000          | Α                | 12.000          |
| CS                | 341   | Programming<br>Languages                | 3.000            | 3.000  | B-           | 8.001         | PT                | 300        | Independent Study  | 3.000            | 3.000          | A                | 12.000          |
| CS                | 345   | Automata Theory &                       | 3.000            | 3.000  | B+           | 10.002        |                   |            |  | Attempted        | Earned         | GPA Units        | Points          |
| CS                | 350   | Formal Lang<br>Software Design &        | 3.000            | 3.000  | A+           | 12.000        | Term GPA          |            | 3.267 Term Totals  | 15.000           | 15.000         | 15.000           | 49.002          |
|                   |       | Development                             |                  |        |              |               |                   |            |  |                  |                |                  |                 |
| PHIL              | 310   | World Religions &<br>Contemp Issu       | 3.000            | 3.000  | В            | 9.000         | _                 |            |  | Attempted        | <u>Earned</u>  | GPA Units        | <u>Points</u>   |
|                   |       | Contemp issu                            |                  |        |              |               | Cum GPA           |            | 3.047 Cum Totals   | 119.000          | 134.000        | 118.000          | 359.503         |



Name: David Josephs Student ID: 0393075

Dean's List

Good Standing

Spring 2017

Program: Undergraduate A&S Science
Plan: Computer Science Major
Plan: Minor in Mathematics Minor
Plan: Minor in Environmental Policy Minor

Course Description **Attempted** Earned <u>Grade</u> **Points** CS 241 Computer 3.000 3.000 B-8.001 Organization CS 444 Operating Systems 3.000 3.000 C-5.001 CS 451 Artificial Intelligence Formal Meth/Prog 3.000 3.000 С 6.000 CS 458 3.000 3.000 C+ 7.002 Verification PH 157 12.000 Elementary 3.000 3.000 Α Astronomy <u>Attempted</u> Earned **GPA Units Points** Term GPA 2.534 Term Totals 15.000 15.000 15.000 38.004 **Attempted Earned GPA Units Points** Cum GPA 2.989 Cum Totals 134.000 149.000 133.000 397.507 Good Standing Undergraduate Career Totals Cum GPA: 2.989 Cum Totals 134.000 133.000 397.507 149.000

Degrees Awarded

Degree: Bachelor of Science
Confer Date: 05/13/2017
Plan: Computer Science
Plan: Minor in Mathematics
Plan: Minor in Environmental Policy

End of Unofficial Transcript



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| Institution Info: | (   | Clarkson University               |                  |               |                  |               | Course         |          | <u>Description</u>                 | <u>Attempted</u> | Earned        | <u>Grade</u>     | <u>Points</u> |
|-------------------|-----|-----------------------------------|------------------|---------------|------------------|---------------|----------------|----------|------------------------------------|------------------|---------------|------------------|---------------|
| montation mio.    |     | narkoon oniversity                |                  |               |                  |               | IA             | 507      | Spreadsheet<br>Analytics           | 1.000            | 1.000         | С                | 2.000         |
|                   |     |                                   |                  |               |                  |               | IA             | 605      | Data Warehousing                   | 3.000            | 0.000         | 1                | 0.000         |
| Print Date:       | 0   | 6/13/2018                         |                  |               |                  |               | IA             | 628      | Intro to Big Data                  | 3.000            | 3.000         | Α                | 12.000        |
|                   |     |                                   |                  |               |                  |               |                |          | Architecture                       |                  |               |                  |               |
|                   |     |                                   |                  |               |                  |               | IA             | 630      | Modeling for Insight               | 3.000            | 3.000         | Α                | 12.000        |
|                   |     | Beginning of Gra                  | duate Record     |               |                  |               | IA<br>IA       | 650      | Data Mining                        | 3.000            | 3.000         | A-               | 11.001        |
|                   |     | Summer                            |                  |               |                  |               | IA             | 651      | Applied Machine<br>Learning        | 3.000            | 3.000         | B+               | 10.002        |
| Program:          | Gra | aduate Interdisciplinary          |                  |               |                  |               |                |          |                                    | Attempted        | Earned        | GPA Units        | Points        |
| Plan:             | Da  | ta Analytics Interdisciplinary Ma | ajor             |               |                  |               | Term GPA       |          | 3.616 Term Totals                  | 16.000           | 12.000        | 42.000           | 47.003        |
| Program:          | Gr  | aduate Non-Degree                 |                  |               |                  |               | Telli GPA      |          | 3.616 Term Totals                  | 16.000           | 13.000        | 13.000           | 47.003        |
| Plan:             |     | n-Degree Data Analytics Cours     | e of Study       |               |                  |               |                |          |                                    | <u>Attempted</u> | Earned        | GPA Units        | <u>Points</u> |
| Course            |     | <u>Description</u>                | <u>Attempted</u> | Earned        | <u>Grade</u>     | <u>Points</u> | Cum GPA        |          | 3.482 Cum Totals                   | 32.000           | 27.000        | 27.000           | 94.004        |
| IA                | 502 | Probability and                   | 2.000            | 0.000         | Α                | 0.000         |                |          |                                    |                  |               |                  |               |
|                   |     | Statistics                        |                  |               |                  |               | Good Academic  | Standing |                                    |                  |               |                  |               |
| Grading Basis:    |     | Not counted towards gra           | aduate GPA       |               |                  |               |                |          |                                    |                  |               |                  |               |
|                   |     |                                   | Attempted        | Earned        | GPA Units        | Points        |                |          | Summer 2                           | 2018             |               |                  |               |
| T ODA             |     | 0.000 T T-1-I-                    |                  |               |                  |               | Program:       |          | aduate Interdisciplinary           |                  |               |                  |               |
| Term GPA          |     | 0.000 Term Totals                 | 2.000            | 0.000         | 0.000            | 0.000         | Plan:          | Da       | ta Analytics Interdisciplinary Maj | or               |               |                  |               |
|                   |     |                                   | <u>Attempted</u> | Earned        | <b>GPA Units</b> | <u>Points</u> | <u>Course</u>  |          | Description                        | <u>Attempted</u> | <u>Earned</u> | <u>Grade</u>     | <u>Points</u> |
| Cum GPA           |     | 0.000 Cum Totals                  | 2.000            | 0.000         | 0.000            | 0.000         | IA             | 690      | Analytics Capstone                 | 6.000            | 0.000         |                  | 0.000         |
| Odili Ol A        |     | 0.000 Cum rotais                  | 2.000            | 0.000         | 0.000            | 0.000         |                |          | Project                            |                  |               |                  |               |
|                   |     | Fall 20                           | 017              |               |                  |               |                |          |                                    | Attempted        | Earned        | GPA Units        | <u>Points</u> |
| Program:          | Gr  | aduate Interdisciplinary          | 017              |               |                  |               | Term GPA       |          | 0.000 Term Totals                  | 6.000            | 0.000         | 0.000            | 0.000         |
| Plan:             |     | ta Analytics Interdisciplinary Ma | ajor             |               |                  |               | TelliTGFA      |          | 0.000 Term Totals                  | 0.000            | 0.000         | 0.000            | 0.000         |
| Course            |     | Description                       | Attempted        | Earned        | <u>Grade</u>     | <u>Points</u> |                |          |                                    | <u>Attempted</u> | Earned        | <b>GPA Units</b> | <u>Points</u> |
| CS                | 549 | Computational                     | 3.000            | 3.000         | С                | 6.000         | Cum GPA        |          | 3.482 Cum Totals                   | 38.000           | 27.000        | 27.000           | 94.004        |
|                   |     | Learning                          |                  |               |                  |               |                |          |                                    |                  |               |                  |               |
| IA                | 530 | Prob & Stats for                  | 3.000            | 3.000         | A-               | 11.001        | Graduate Caree | r Totals |                                    |                  |               |                  |               |
|                   |     | Analytics                         |                  |               |                  |               | Cum GPA:       |          | 3.482 Cum Totals                   | 38.000           | 27.000        | 27.000           | 94.004        |
| IA                | 626 | Big Data Proc and<br>Cloud Svcs   | 3.000            | 3.000         | Α                | 12.000        |                |          |                                    |                  |               |                  |               |
| IA                | 640 | Info Visualization                | 3.000            | 3.000         | Α                | 12.000        |                |          |                                    |                  |               |                  |               |
| OM                | 602 | Dec Anlys & Supply                | 2.000            | 2.000         | В                | 6.000         |                |          | D A                                | and a d          |               |                  |               |
| ····              | 002 | Chain Model                       | 2.000            | 2.000         | _                | 0.000         | Degree:        | D        | Degrees Aw<br>Bachelor of Science  | arded            |               |                  |               |
|                   |     |                                   | Attamantad       | Famad         | CDA Unite        | Deinte        | Confer Date:   |          | 5/13/2017                          |                  |               |                  |               |
|                   |     |                                   | Attempted        | Earned        | GPA Units        | <u>Points</u> | Plan:          |          | Computer Science                   |                  |               |                  |               |
| Term GPA          |     | 3.357 Term Totals                 | 14.000           | 14.000        | 14.000           | 47.001        | Plan:          |          | linor in Mathematics               |                  |               |                  |               |
|                   |     |                                   |                  |               |                  |               | Plan:          | N        | linor in Environmental Policy      |                  |               |                  |               |
|                   |     |                                   | Attempted        | <u>Earned</u> | GPA Units        | <u>Points</u> |                |          |                                    |                  |               |                  |               |
| Cum GPA           |     | 3.357 Cum Totals                  | 16.000           | 14.000        | 14.000           | 47.001        |                |          | End of Unofficial                  | Transcript       |               |                  |               |

Good Academic Standing

Spring 2018

Graduate Interdisciplinary
Data Analytics Interdisciplinary Major Program: Plan:

End of Unofficial Transcript