



Cornell University

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RECORD OF: Michael Z Wang

RECORD DATE: 12/26/2014



CORNELL I.D. NO.: 2570792

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| TOTAL   |                |        |          |       |       | TOTAL                          |                                     |        |          |       |       |      |    |
|---|----------------|--------|----------|-------|-------|--------------------------------|-------------------------------------|--------|----------|-------|-------|------|----|
| COURSE TITLE                                    | SUBJECT/NUMBER | MEDIAN | ENROLLED | UNITS | GRADE | COURSE TITLE                   | SUBJECT/NUMBER                      | MEDIAN | ENROLLED | UNITS | GRADE |      |    |
| FALL 2011                                       |                |        |          |       |       | SPRING 2013                    |                                     |        |          |       |       |      |    |
| Program: Engineering                            |                |        |          |       |       | Program: Engineering           |                                     |        |          |       |       |      |    |
| Plan: Unaffiliated                              |                |        |          |       |       | Plan: Unaffiliated             |                                     |        |          |       |       |      |    |
| TRANSITION TO MATLAB                            | CS             | 1132   | (N/A)    | 1.00  | SX    | DATA-DRIVEN WEB APPLICATIONS   | CS                                  | 3300   | (A-)     | (50)  | A+    |      |    |
| OBJ-ORIENTED PROG & DATA STRUC                  | CS             | 2110   | (B+)     | (192) | 3.00  | A-                             | INTRO ANALYSIS OF ALGORITHMS        | CS     | 4820     | (B+)  | (198) | B    |    |
| ENGINEERING SEMINAR                             | ENGRG          | 1050   | (N/A)    | 1.00  | SX    | INTRO TO CIRC ELEC & COMP ENGR | ECE                                 | 2100   | (B+)     | (68)  | A-    |      |    |
| NANOTECHNOLOGY                                  | ENGRI          | 1110   | (A-)     | (43)  | 3.00  | A                              | EMBEDDED SYSTEMS                    | ECE    | 3140     | (B+)  | (90)  | A    |    |
| MULTIVARIABLE CALCULUS ENGRS                    | MATH           | 1920   | (B)      | (474) | 4.00  | B                              | TOPICS IN WEB PROGRAM & DESIGN INFO | INFO   | 2310     | (N/A) | 1.00  | SX   |    |
| KARATE  | PE             | 1365   | (N/A)    | 1.00  | SX    | COURSE TOPIC(S): RUBY ON RAILS |                                     |        |          |       |       |      |    |
| FWS: PHILOSOPHICAL PROBLEMS                     | PHIL           | 1111   | (A-)     | (70)  | 3.00  | A                              | WILDERNESS FIRST AID                | PE     | 1625     | (N/A) | 1.00  | SX   |    |
| COURSE TOPIC(S): FWS: PUZZLES, PARADOXES&STARES |                |        |          |       |       | **DEAN'S LIST**                |                                     |        |          |       |       |      |    |
| **DEAN'S LIST**                                 |                |        |          |       |       | FALL 2013                      |                                     |        |          |       |       |      |    |
| TEST CREDITS APPLIED TOWARD ENGINEERING PROGRAM |                |        |          |       |       | Program: Engineering           |                                     |        |          |       |       |      |    |
| AP Computer Science A                           | CS             | 1110   |          | 4.00  | 5.0   | Plan: Computer Science         |                                     |        |          |       |       |      |    |
| AP Mathematics: Calculus BC                     | MATH           | 1910   |          | 4.00  | 5.0   | PSYCH OF ENTERTAINMENT MEDIA   |                                     |        |          |       |       |      |    |
| AP Physics C - Mechanics                        | PHYS           | 1112   |          | 4.00  | 5.0   | COMM                           | 4220                                | (B+)   | (106)    | 3.00  | B+    |      |    |
| TRANSFER TOTALS:                                |                |        |          | 12.00 |       | C++ PROGRAMMING                | CS                                  | 2024   | (N/A)    | 2.00  | SX    |      |    |
| SPRING 2012                                     |                |        |          |       |       | OPERATING SYSTEMS              | CS                                  | 4410   | (B)      | (215) | 3.00  | A-   |    |
| Program: Engineering                            |                |        |          |       |       | PRACTICUM IN OPER SYST         | CS                                  | 4411   | (A)      | (65)  | 2.00  | A-   |    |
| Plan: Unaffiliated                              |                |        |          |       |       | FOUNDATIONS OF ARTIF INLLGNCE  | CS                                  | 4700   | (B+)     | (185) | 3.00  | A    |    |
| ENGINEERING GENERAL CHEMISTRY                   | CHEM           | 2090   | (B)      | (186) | 4.00  | B                              | PRAC IN A I                         | CS     | 4701     | (A)   | (126) | A+   |    |
| DISCRETE STRUCTURES                             | CS             | 2800   | (B+)     | (233) | 3.00  | A-                             | PROBABILITY AND INFERENCE           | ECE    | 3100     | (B)   | (64)  | 4.00 | B  |
| INTRO MICROECONOMICS                            | ECON           | 1110   | (B+)     | (345) | 3.00  | A                              | **DEAN'S LIST**                     |        |          |       |       |      |    |
| DIFFERENTIAL EQUATIONS ENGRS                    | MATH           | 2930   | (B)      | (376) | 4.00  | B                              | SPRING 2014                         |        |          |       |       |      |    |
| FWS: ACTING OUT                                 | THETR          | 1244   | (B+)     | (18)  | 3.00  | A                              | Program: Engineering                |        |          |       |       |      |    |
| FALL 2012                                       |                |        |          |       |       | Plan: Computer Science         |                                     |        |          |       |       |      |    |
| Program: Engineering                            |                |        |          |       |       | INTRO TO COGNITIVE SCIENCE     | CS                                  | 1710   | (A-)     | (298) | 3.00  | A    |    |
| Plan: Unaffiliated                              |                |        |          |       |       | UNIX TOOLS AND SCRIPTING       | CS                                  | 2043   | (N/A)    | 0.00  | W     |      |    |
| NETWORKS  | CS             | 2850   | (A)      | (436) | 4.00  | A                              | INTRO GAME ARCHITECTURE             | CS     | 3152     | (A-)  | (45)  | 4.00 | B+ |
| DATA STRUCT & FUNCTIONAL PROGR                  | CS             | 3110   | (B)      | (128) | 4.00  | B                              | INTRO TO NATURAL LANG PROCESS       | CS     | 4740     | (B)   | (85)  | 4.00 | B- |
| DIGITAL LOGIC & COMPUTER ORG.                   | ECE            | 2300   | (B+)     | (79)  | 4.00  | B                              | EVOLUTIONARY ALGORITHMS &GAMES      | ECE    | 4271     | (A)   | (72)  | 3.00 | A  |
| LINEAR ALGEBRA FOR ENGINEERS                    | MATH           | 2940   | (B)      | (407) | 4.00  | B                              | -----                               |        |          |       |       |      |    |
| PHYSICS II: ELECTROMAGNETISM                    | PHYS           | 2213   | (B)      | (442) | 4.00  | A-                             | CONTINUED                           |        |          |       |       |      |    |

SEND TO: MICHAEL WANG  
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DOCID: 5675462

CASSANDRA DEMBOSKY  
UNIVERSITY REGISTRAR



RECORD OF: Michael Z Wang

RECORD DATE: 12/26/2014



CORNELL I.D. NO.: 2570792

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| COURSE TITLE                             |  |                |      |       | COURSE TITLE          |    |                |  |       |  |  |  |  |  |  |
|--|--|----------------|------|-------|-----------------------|----|----------------|--|-------|--|--|--|--|--|--|
| SUBJECT/NUMBER                           |  | TOTAL ENROLLED |      | UNITS | SUBJECT/NUMBER        |    | TOTAL ENROLLED |  | UNITS |  |  |  |  |  |  |
| MEDIAN                                   |  | ENROLLED       |      | GRADE | MEDIAN                |    | ENROLLED       |  | GRADE |  |  |  |  |  |  |
| FALL 2014                                |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| Program: Engineering                     |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| Plan: Computer Science                   |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| INTRO TO IPHONE APP DEV                  |  | CS             | 2048 | (N/A) | 1.00                  | SX |                |  |       |  |  |  |  |  |  |
| INFORMATION RETRIEVAL                    |  | CS             | 4300 | (N/A) | 3.00                  | A- |                |  |       |  |  |  |  |  |  |
| MACHINE LEARNING                         |  | CS             | 4780 | (N/A) | 4.00                  | A  |                |  |       |  |  |  |  |  |  |
| DIGITAL SYS DESGN-MICROCONTROL           |  | ECE            | 4760 | (N/A) | 4.00                  | A  |                |  |       |  |  |  |  |  |  |
| ENTREPRENEURSHIP FOR ENGINEERS           |  | ENGRG          | 4610 | (N/A) | 3.00                  | A+ |                |  |       |  |  |  |  |  |  |
| NYC TECHNOLOGY TREK                      |  | NBA            | 6029 | (N/A) | 1.00                  | SX |                |  |       |  |  |  |  |  |  |
| COURSE TOPIC(S): ENTREPRENEURIAL CULTURE |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| NUTRTRN HLTH AND SOCIETY                 |  | NS             | 1150 | (N/A) | 3.00                  | A  |                |  |       |  |  |  |  |  |  |
| Cumulative GPA: 3.590                    |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| END OF TRANSCRIPT                        |  |                |      |       |                       |    |                |  |       |  |  |  |  |  |  |
| CASSANDRA DEMBOSKY                       |  |                |      |       | SEND TO: MICHAEL WANG |    |                |  |       |  |  |  |  |  |  |
| UNIVERSITY REGISTRAR                     |  |                |      |       | MZW4@CORNELLE.EDU     |    |                |  |       |  |  |  |  |  |  |
|  |  |                |      |       | DOCID: 5675462        |    |                |  |       |  |  |  |  |  |  |

## TRANSCRIPT SYMBOLS

|         |   |  |
|---------|---|--|
| CNC     | - | Course cancelled after the ninth week of term.   |
| FS, FWS | - | First-Year Writing Seminar - Equivalent to one semester of English Composition at many institutions.                                       |
| GL      | - | In the descriptive title area - course taken at graduate level by Summer Session and Extramural students only.                             |
| H       | - | "HONORS" for LL. M. Candidates.  |
| HH      | - | "HIGH HONORS" for LL. M. Candidates.   |
| INC     | - | Course not completed for reasons acceptable to Instructor. Completion is indicated by an asterisk in the last position of the grade field. |
| NA      | - | Not attending.   |
| NG      | - | Non-graded course - Grades are not awarded for these courses.  |
| NGR     | - | No grade reported - Instructor has not turned in a grade for this course.  |
| R       | - | Represents two-semester course not graded at end of first semester.  |
| S/U     | - | "S" means C- or above; "U" means D+, D, D- or failure.   |
| SX/UX   | - | Indicates that a course is graded exclusively on "S" or "U" basis.   |
| V       | - | Visitor - Audit; course taken on a non-credit basis.   |
| W       | - | Withdrawal after seven weeks into semester.  |
| *       | - | Preceding credit hours - indicates temporary credit. Total credit earned with final grade for course appears in the term following.        |
| *       | - | In the grade field - indicates that the course was originally graded Incomplete and has subsequently been completed.                       |

**Cornell Study Abroad** - Transcript indicates courses taken, credits earned and foreign grades received. Foreign grades are not translated to the Cornell grading system.

**Physical Education** - Before 1982, Physical education courses automatically printed on the transcript. If student took the course, the grade would be SX. If student did not enroll in the course, the grade would be UX.

**Accreditation** - Cornell University is accredited by the Middle States Association of Colleges and Schools.

All courses are taught using the English language with the exception of certain language courses, e.g., French Literature or Japanese.

### Median Grades

Median grades are posted on transcripts for all undergraduates matriculating in the Fall 2008 and after. Median grades are not reported for all courses. For the complete policy, visit <http://registrar.sas.cornell.edu>.

**There is only one official university transcript for an individual student which represents the complete Cornell University academic record.**

### EXPLANATION OF GRADING SYSTEM

### Credit Hour Definition

A student will receive one credit by satisfactorily completing a course that requires at least fifteen hours (15) of instruction and at least thirty hours (30) of supplementary assignments. Hours are adjusted proportionately for other formats of study, e.g., laboratory, studio, research problem-based learning, and independent study. On average, there should be three (3) hours of work per week per credit.

The fall and spring semesters constitute the normal academic year.

### Dean's List

Posting the Dean's List notation began with Fall term 1971. Dean's List awards are posted for all Undergraduate units.

### Grading Systems prior to September 1965

These are described on a separate sheet which is automatically provided with appropriate transcripts.

### Current Grading System

Grades are on a letter scale: A+ through D-, pass; F, failure. The grades of S (satisfactory) or U (unsatisfactory) may be used in a limited number of cases in which no greater precision in grading is required. Grades of S or U are not assigned numerical value and thus are not averaged in with other grades in computing grade point averages.

These letter grade values are combined with course credit hours to produce an average. Semester and cumulative averages are included on the transcript.

For the purpose of computing semester, year or cumulative averages, each letter grade is assigned a quality point value as follows:

|          |          |          |          |       |
|----------|----------|----------|----------|-------|
| A+ = 4.3 | B+ = 3.3 | C+ = 2.3 | D+ = 1.3 |       |
| A = 4.0  | B = 3.0  | C = 2.0  | D = 1.0  | F = 0 |
| A- = 3.7 | B- = 2.7 | C- = 1.7 | D- = 0.7 |       |

Beginning with Fall term 1983, Law School averages are computed using the following point values:

|           |           |           |           |       |
|-----------|-----------|-----------|-----------|-------|
| A+ = 4.33 | B+ = 3.33 | C+ = 2.33 | D+ = 1.33 | F = 0 |
| A = 4.00  | B = 3.00  | C = 2.00  | D = 1.00  |       |
| A- = 3.67 | B- = 2.67 | C- = 1.67 | D- = 0.67 |       |

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