

**COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK**

NAME: Jia Ying  
 ID# : XXX-XX-2745  
 SCHOOL: FU FOUNDATN SCHL OF ENGINEERING & APPLIED SCIENCE:GRAD

DEGREE(S) AWARDED: Master of Science      DATE AWARDED: February 08, 2012      MAJOR: OPERATIONS RESEARCH

| SUBJECT     | COURSE NUMBER | TITLE                          | POINTS | GRADE     |
|-------------|---------------|--------------------------------|--------|-----------|
| Fall 2010   |               |                                |        |           |
| FINC        | B6302         | CAPITAL MARKETS & INVESTMENTS  | 3.00   | B         |
| IEOR        | E4004         | INTRO-OPER RSRCH-DETERMNTC MDL | 3.00   | A-        |
| IEOR        | E4106         | INTRO OPERRSRCH-STOCHASTC MDLS | 3.00   | C+        |
| IEOR        | E4700         | INTRO TO FINANCIAL ENGINEERING | 3.00   | B+        |
|             |               |                                |        | GPA 3.082 |
| Spring 2011 |               |                                |        |           |
| FINC        | B9301         | FIXED INCOME PORTFOLIO MANAGEM | 3.00   | B         |
| IEOR        | E4500         | APPLICATIONS PROGRAMMNG FOR FE | 3.00   | A         |
| IEOR        | E4602         | QUANTITATIVE RISK MANAGEMENT   | 3.00   | C+        |
| IEOR        | E4718         | INTRO-IMPLIED VOLATILITY SMILE | 3.00   | B         |
|             |               |                                |        | GPA 3.082 |
| Fall 2011   |               |                                |        |           |
| FINC        | B8314         | Real Estate Finance            | 3.00   | B         |
| IEOR        | E4404         | SIMULATION                     | 3.00   | A-        |
|             |               |                                |        | GPA 3.335 |

**REMARKS**

Cumulative GPA: 3.133

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SEAL OF COLUMBIA UNIVERSITY  
 IN THE CITY OF NEW YORK

*Bangor*

Gerry S. Kane

Assoc. V. Pres. Columbia Univ. University Registrar