

Nicole Hoi Cheng Fong

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EDUCATION

Massachusetts Institute of Technology (MIT)

Cambridge, MA

Candidate for Bachelor of Science in Mathematics and Management Science

June 2013

Candidate for a minor in Economics

GPA: 4.8 / 5.0

Relevant Coursework: Probability, Statistics, Accounting, Corporate Finance, Investments, Microeconomics

WORK EXPERIENCE

AIG, Chartis Far East Holdings KK

Tokyo, Japan

Actuarial Analyst Intern, Consumer Lines Pricing

June 2012 – August 2012

- Improved the process of competitor
- Analyzed the conversion rate and enhanced the profitability of insurance products
- Automated the loss ratio report generating process and reduced the costs of reporting

J.P.Morgan Chase

Hong Kong

Summer Analyst, IT Risk and Security Management

June 2011 – August 2011

- Investigated the usage of existing password management system and estimated the risk level
- Presented the enhancements for the password management system to the managing directors

MIT, Computer Science and Artificial Intelligence Laboratory (CSAIL)

Cambridge, MA

Undergraduate Research Assistant

May 2010 – Dec 2010

- Researched current cyber issues all over the world, such as cyber defense techniques and laws
- Assisted to issue regular cyber security reports

LEADERSHIP

South East Asia Service and Leadership Network (SEALNet)

Stanford, CA

Co-President

Sept 2011 to present

- Promote the importance of community service and leadership to both college and high school students
- Facilitate summer volunteering service projects in various Southeast Asia countries

Project Leader (Medan, Indonesia)

May 2011 – June 2011

- Hosted leadership workshops to inspire local high school students to be future community service leaders
- Fundraised over \$8000 for the project

MIT, Hong Kong Student Society

Sept 2010 to present

Treasurer

- Budget for the daily operations of the society and bookkeep the costs

MIT, Community Catalyst Leadership Program

Sept 2011 to present

- Selected as one of the 40 participants from over 1,000 junior students
- Paired with an MIT Alumnus and learning to be a well-rounded and influential leader in the future

MIT, Undergraduate Mathematics Association

Sept 2010 to June 2012

Publicity Chair

- Organized weekly undergraduate math seminars to introduce students various mathematical research areas
- Planned monthly social events for over 100 undergraduate math major students and professors to share their experience and passion in Mathematics

SKILLS

Languages: Native in Cantonese and Mandarin; Fluent in English; Conversational in Japanese

Technical Skills: Proficient in Java and Delphi; Intermediate in MATLAB, SAS, SQL, R, AHK, Microsoft Excel VBA and Sharepoint

Actuarial Qualifications: Completed Society of Actuaries Exams Probability, Financial Mathematics and Financial Economics

Interests: Traveling, hiking, playing the piano