

Angel Yang

CONTACT

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

B.S. Physics

June 2013

B.S. Management Science

June 2013

GPA: 4.6/5.0

Relevant Coursework: Physics I & II, Linear Algebra, Differential Equations,
Principles of Microeconomics & Macroeconomics, Probabilistic Systems Analysis,
Corporate Financial Accounting

Naperville Central High School

Naperville, IL

High School Diploma

May 2009

EXPERIENCE

MIT van Oudenaarden Lab

Cambridge, MA

Research Assistant

Spring 2010-Present

Researching stem cell markers by analyzing the expression of many genes in the mouse intestinal crypt to determine stem cells in the intestine. Evaluated possible correlations between gene expression pathways.

Naperville College Prep

Naperville, IL

Tutor

Summer 2009

Taught one SAT preparatory class with four students in all SAT subjects and tutored one student in ACT math over a span of five weeks. Developed lesson plans for the SAT preparatory class.

Michigan State University

East Lansing, MI

Research Assistant

Summer 2008

Researched properties of Polyelectrolyte Multilayer Membranes (PEMs) to simultaneously concentrate water-spread pathogens for use in water filtration systems. Collected and manipulated raw data to evaluate membrane's effectiveness.

SKILLS AND

INTERESTS

- Java, MATLAB
- Unix/Linux and Windows system administration
- Common word processing, spreadsheet, and presentation software
- Proficiency in Mandarin Chinese

AWARDS &

ACTIVITIES

- Siemens Award for Advanced Placement
- National Merit Scholar Finalist
- Robert C. Byrd Scholarship
- Member of the MIT Chamber Society