

Angela Zhu

Permanent Address:

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School Address:

362 Memorial Drive,
Cambridge, MA 02139

Education

Massachusetts Institute of Technology

Candidate for Bachelor of Engineering

Prospective Majors: Biological Engineering, Mathematics, and Management Science

Relevant Coursework: Multivariable Calculus, Physics (Mechanics and Electricity/Magnetism), Solid-State

Chemistry, Biology, Computer Science, Differential Equations

Cambridge, MA

Class of 2014

Monroe-Woodbury High School

GPA: 4.0/4.0; SAT: Math-770 Critical Reading-740 Writing-790

Central Valley, NY

Class of 2010

Experience

Rate It Green- Marketing and Company Outreach Extern

Winter 2011

Under an MIT alumni's Boston-based startup company which utilizes online sharing of peer-to-peer review of green building resources, use social media networking to reach out to companies and market Rate It Green

Whitehead Institute of Biomedical Research- UROP

Winter 2011

Student researcher and research assistant in the Lodish Laboratory under postdoc Bill Wong studying the effects of gene induction and repression during terminal production of red blood cells

DKNY Jeans- Visual Team and Sales Associate

Summer 2010

Placed product strategically around the sales floor, assisted customers and made sales

New York University Nelson Institute of Environmental Medicine- Intern

Summer 2009

Under Dr. Chuanshu Huang, assisted graduate students to conduct research on environmental carcinogenesis; co-authored a paper which analyzed the anti-cancer effects of gene p27 on cells affected with the carcinogen arsenite

Honors

AP Scholar with Distinction; Monroe-Woodbury High School Math Department Award

Spring 2010

National Merit Commended Scholar; National Merit Corporation (Pfizer) Scholarship Recipient

Fall 2009

Publications

Liu J, Zhang D, Mi X, Xia Q, Yu Y, Zuo Z, Guo W, Zhao X, Cao J, Yang Q, Zhu A, Yang W, Shi X, Li J, Huang C. "p27 suppresses arsenite-induced Hsp27/Hsp70 expression through inhibiting JNK2/c-Jun- and HSF-1-dependent pathways" *J Biol Chem.* 2010 Aug 20;285(34):26058-65

Leadership

MIT Class of 2014 Council- Treasurer

Fall 2010-Present

Manage \$20,000 budget and organize events to foster sense of community among 1100 class members

MIT Chinese Students Club- Freshmen Representative

Summer 2010-Present

Organize large-scale cultural events such as "Nightmarket," which collectively raised \$2,000 for the Boston Chinatown Library Project, promote awareness and spread appreciation of Chinese food, music, and culture

Biological and Biomedical Engineering Society- Bio TECH Photographer and Editor

Winter 2011-Present

Oversee the production and distribution of the BioTECH newsletter, publish at least one newsletter per semester

Kappa Alpha Theta Sorority- Sister, Panhel Committee

Summer 2010-Present

Assist in social and philanthropic events to benefit Court Appointed Special Advocates and encourage sense of community and values among sisters

Skills and Interests

- Laboratory: Western blot, Polymerase chain reaction, EMSA, DNA isolation, and protein assay
- Proficient at Microsoft Word, Excel, Powerpoint, and Adobe Photoshop
- Conversational in Shanghainese; Basic speaking skills in Mandarin
- Active member of DanceTroupe, MIT Figure Skating Club, Baker Leaders, and MIT Asian American Association