Permanent Address 25852 SE 41st ST Issaguah, WA 98029 Kaiying Liao kliao@mit.edu (206)403-5358

Campus Address 320 Memorial Drive Cambridge, MA 02139

EDUCATION

Massachusetts Institute of Technology
Candidate for Bachelor of Science degree in Biological Engineering
Interlake High School
Cumulative GPA: 4.0/4.0, Class Rank: 1/285
Cambridge, MA
June 2014
Bellevue, WA
June 2010

EXPERIENCE

Massachusetts General Hospital/Koch Institute

Boston, MA

Laboratory Intern

2011 – Present

- Created biomaterials in the form of polymeric hydrogels for laryngeal applications
- Tested drug release systems in hydrogels and chemical and mechanical properties

Designed experiments to optimize characteristics of hydrogels

Bellevue Public School District

Bellevue, WA

Administrative Intern

Spring 2010

- Compiled and presented a report to the Bellevue School Board on the progress of the Bellevue Gifted Program at all three program schools
- Gathered data for report through surveying over 150 elementary, middle, and high school students

UC Davis Young Scholar Program Research

Davis, CA

Intern at the Center for Health and the Environment

Summer 2009

- Set up ELISA protocols and gathered data for a research project on the effect of ambient airborne particles on the central nervous system
- Wrote and presented the results of lab work to peers and professors

Washington Student Math Association

Sammamish, WA

Vice President of Promotions

2009 - 2010

 Established list of contacts for over 30 schools in Washington State; created a network of students, coaches, teachers, and clubs for more efficient exchange of information pertaining to extracurricular math events

ACTIVITIES

Alpha Chi Omega Sorority

2011 - Present

Assistant VP Finance

- Help organize and manage finances of sorority of over 130 girls
 Freshman Risk Representative
- Manage security for events and work with sisters to maintain health and safety

MIT Varsity Rifle Team

2010 - Present

Member

Interlake Math Club

2006 - 2010

Founder and President

- Led team of 40 students; oversaw 6 members of the club leadership
- Competed in contests at the local, regional, state, and national levels
- Organized a local competition attended by over 100 high school students

SKILLS

Computer Skills

- Proficient in Microsoft Office tools
- Some experience in programming with Python

Language Skills

Semi-fluent in speaking Mandarin