

RICARDO HUANG

217 Syosset Woodbury Road, Syosset, NY 11791
(516) 864-6396
h.ricky@nyu.edu

EDUCATION:

New York University Polytechnic School of Engineering, Brooklyn, New York

- Bachelor of Science in Chemical and Biological Engineering

(May 2014)

GPA: 3.2/4.0

RELEVANT COURSE WORK/PROJECTS:

AIChE ChemE Car project

(Jan 2013 – May 2014)

Team Leader & Lead Chassis Designer

- Researched and constructed a small vehicle chemically powered by zinc-carbon batteries
- Managed and directed a team of 5 members
- Designed the chassis body and gear train mechanics

Process Design Projects (CBE 4163/CBE 4263)

(Sep 2013 – May 2014)

Cellulosic Ethanol Production

- Studied the bio-fuel production of ethanol using switchgrass as the raw material
- Analyzed the safety regulations and environmental impacts of the production plant

ABE Fermentation Plant

- Worked in a 6-member team to create a virtually simulated butanol plant using ASPEN
- Researched and investigated the feed preparation process for corn as feedstock

Chemical and Biological Engineering Unit Operations Lab (CBE 4113/CBE 4213)

(Sep 2013 – May 2014)

- Worked in 3-member group and performed experiments with pipe fittings, blowers, centrifugal pumps, fluidized bed columns, packed columns, heat exchangers, and distillation columns
- Constructed piping and instrumentation diagrams (P&ID)
- Analyzed data and error of experiments and developed technical reports

SKILLS:

- Proficient in Microsoft Word, Excel, PowerPoint, Project; Adobe Photoshop, InDesign, Illustrator; AutoCAD; SolidWorks; and MATLAB

WORK EXPERIENCES:

Society of Asian Scientists and Engineers (SASE), New York, New York

(May 2014 – Present)

Northeast Regional Coordinator

- Lead monthly regional meetings with the Chapter Presidents
- Collaborate with the national team of Regional Managers and Regional Coordinators to share best practices on freshmen recruitment, membership retention, and fundraising

Cummer Park Community Center: City of Toronto Parks & Recreation, Toronto, Canada

(Jul 2007 – Aug 2011)

Pool Manager/Lifeguard

- Managed the operation of the pool facility
- Supervised and led a team of 10 staff members
- Responded to public inquires and administrative duties
- Enforced safety rules and provided rescue response when needed
- Taught lifeguard and lifesaving courses

ACTIVITIES:

Cofounder & Vice President of the Society of Asian Scientists and Engineers (SASE) at NYU-Poly

(Feb 2013 – May 2014)

- Organized professional/social events that help members improve their soft skills
- Collaborated with other students and professional organizations on campus to create networking and employment opportunities
- Led executive board team to receive the Outstanding New Organization of the Year (2013-2014)