

PROFILE

Process-oriented chemical engineering and management science sophomore, adept at research and business operations with effective communication and collaborative management skills. Seeking a summer or part-time internship.

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA

Bachelors of Science – Chemical Engineering and Management Science

Expected June 2015

Lincoln-Sudbury Regional High School, Sudbury, MA

National Merit Scholarship Program Finalist, AP Scholar with Distinction

June 2011

EXPERIENCE

Massachusetts Institute of Technology, Cambridge, MA

Undergraduate Researcher, Department of Economics

March 2012 – Present

- Manage 30,000+ data set for project to describe the effect of DARPA on the scientific research community
- Design data collection and analysis protocols with PhD student and other research team members

Communications Assistant, System Design & Management Program

February 2012 – September 2012

- Collaborated with communications director to edit and revise articles, event/ promotional materials, and newsletters
- Interviewed graduate students and wrote profiles highlighting their backgrounds and achievements
- Wrote articles about program events featuring special speakers

Undergraduate Researcher, Molecular Engineering Laboratory

October 2011 – February 2012

- Prepared polymer solutions and thin films, and performed nucleation induction rate time experiments for continuous crystallization in pharmaceutical production research

G.I. Dynamics, Lexington, MA

Intern

Summer 2011

- Assisted the CEO and CFO with preparation of the prospectus which resulted in a successful IPO
- Collaborated with department heads and reviewed sections of prospectus for accuracy
- Analyzed and calculated target population for product
- Participated in portions of R&D process including bubble point and product-specific testing

Kumon Math and Reading Center, Sudbury, MA

Teaching Assistant

March 2009 – June 2011

- Worked with K-12 students, parents, and center manager to create individualized student lesson plans
- Assisted in training new employees, taught concepts, graded homework/ class work, and tracked student progress

Brigham and Women's Hospital, Sensory Plasticity Lab, Boston, MA

Intern

Summer 2010

- Maintained cell cultures, used IHC, qPCR, ELISA, Western Blot, and in situ hybridization for pain research

Self Employed, Sudbury, MA

Math Tutor

February 2010 – June 2011

FuGaKyu Café, Sudbury, MA

Hostess / Take-Out

March 2011 – July 2012

SKILLS

Proficient in Microsoft Word, Excel, and PowerPoint. Familiar with Java, MATLAB, Python, and Adobe Photoshop.

ACHIEVEMENTS & HONORS

- Boston Globe All-Scholastic Athlete and Dual County League All-Star & MVP for Volleyball
- Recipient of Boston Globe Scholastic Art Award – Honorable Mention

LEADERSHIP

- MIT Committee on Curricula Student Representative
- MIT Women's Club Volleyball Tournament Director
- LSRHS Varsity Volleyball Captain
- LSRHS Student Senate Secretary
- LSRHS Student Coach for Curtis Middle School Science Olympiad