

John Moosemiller

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SUMMARY

Seeking internship in the chemical and petrochemical fields to gain hands-on experience

EXPERIENCE

Baker Engineering and Risk Consultants 6/15 – 12/15 Engineering Co-Op

Was responsible for developing a mock-up greenfield plant with representative units using AutoCAD software. This included PFDs, Heat and Material Balances, Piping and Instrumentation Diagrams, and implementing the plant within BakerRisk Software.

University of Houston Engineering Dept. 8/14 – Present TA/Proctor

John is responsible for grading, answering questions related to course materials, reviewing future exams, and creating problems for the Engineering Freshman year classes.

The University of Chicago 6/13 - 8/13 & 6/14 – 8/14 Summer Research Intern

During his first summer he investigated the effects of carbon taxes, and efficiency on global trade. Presented this research at Undergraduate Research Day at the University of Houston. During his second summer John implemented a climate emulator to specific countries rather than geographic regions. This work was published in a White House press release of climate tools for policymakers.

Project LEAD 1/13 – Present Founder and Member of the Board

As one of the founders and as a board member, John manages Project LEAD (Learn Everything Applying DIY) as a whole. He directs the LEADer Grant program for underprivileged students.

EDUCATION

University of Houston Graduating May 2018 Bachelor of Science (BS), Chemical Engineering

Honors Engineering Program - President

Cumulative GPA: 3.23

Minors - Math, Chemistry

SKILLS

Programming: MATLAB – Octave – R – Python

Software: AutoCAD Mechanical – AutoCAD P&ID – Inventor

Operating Systems: Windows 7/8/10, Ubuntu/Linux

HONORS

Undergraduate Research Day: Fall 2013

Honors College Scholarship: Fall 2013 – Spring 2016

Academic Excellence Scholarship: Fall 2013 – Spring 2017

Dean's List: Fall 2013, Summer 2016

MEMBERSHIPS

Honors Engineering Program: Fall 2013 - Present

American Institute of Chemical Engineers: Fall 2014 - Present