

Polly Mer

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Objective

To obtain a summer internship leveraging my analytical skills and laboratory experience in an engineering role at a chemical company

Education

Carnegie Mellon University, Pittsburgh, PA

Expected: May 2018

Bachelor of Science in Chemical Engineering

Minors in Chemistry and French

GPA: 3.75/4.00

Relevant Experience

Research Experience for Undergraduates, University of Illinois at Urbana-Champaign

May-August 2015

Undergraduate Researcher

- Synthesized and characterized gold nanoparticles and liposomes for analysis of α -synuclein protein
- Attended weekly group meetings with graduate students and principal investigator Professor Cathy Murphy
- Prepared oral and poster presentations for Illinois Summer Research Symposium

Additional Experience

Global Communication Center, Carnegie Mellon University

August 2015-Present

Writing Tutor

- Meet with 4 students per week to improve organization, argument, analysis, and communication skills in writing

Lexus of North Hills, Wexford, PA

December 2014-January 2015, August 2015

Office Assistant

- Entered receipting and sales data and filed paperwork for the largest volume luxury dealer in Western Pennsylvania
- Processed an average of 25 customer service calls per session resulting in 100% client follow up within 48 hours

Leadership

College of Engineering Community Building Committee, Carnegie Mellon University

April 2015-Present

Liaison to the First-Year Advisory Board

- Work with the Dean's Office and facilities staff to plan and advertise for multi-class events drawing 100-200 students

Society of Women Engineers, Carnegie Mellon University

September 2014-Present

Publicity Chair (2015-2016)

- Prepare advertising material for print and social media for on average 15 events per semester

Committee Member – "SWEet" Week, CIT Ball (2014-2015)

- Participate in weekly event planning meetings to coordinate 2 events which encourage women in engineering that drew 40 and 200 students respectively

Honors, Awards, Scholarships

College of Engineering Dean's List

Fall 2014

Carnegie Scholarship, Carnegie Mellon University (Academic)

2014-2018

J.L. Stone Memorial Scholarship, Carnegie Mellon University (Academic)

2014-2018

Skills

Computer: Proficient in Microsoft Office Suite, OriginLab, ImageJ; Familiar with MatLab, Photoshop

Laboratory: Proficient in gold nanosphere synthesis, liposome extrusion

Instruments: UV/Vis, Circular Dichroism, Dynamic Light Scattering, Zeta Potential

Languages: English (native); French (conversant)