

Liliana Grace

1515 Birchmont Drive NW
Bemidji, MN 56601
(218) 218-1234
LilianaGrace1234@gmail.com

EDUCATION

Bemidji State University (BSU), Bemidji, MN May 20XX
Bachelor of Science Degree
Major: **Chemistry** GPA: **3.82**
Emphasis: American Chemical Society
Major: **Mathematics** GPA: **3.63**
Emphasis: Applied Mathematics

RESEARCH EXPERIENCE

Undergraduate Research Spring 20xx - Current
Department of Chemistry, Bemidji State University, Faculty Mentor: Dr. Robert Quandt

- Computational study of the reaction of propargyl amine to form the formal radical. Calculated the stable energy states of each possible state of the reaction using Linux coupled with NWChem chemistry software programs.

WORK EXPERIENCE

High School/College Tutor, TRIO/Math Dept., BSU, Bemidji, MN Sept. 20xx-Current

- Tutor three to five college students in upper level math, computer science, basic chemistry, and upper level chemistry courses
- Provide academic support to local area high school students
 - Travel to local high schools to assist students with their school-related needs
 - Act in a mentor role with many of the students who need school-related or personal guidance
- Build strong relations with students and learn to manage time responsibly by balancing college course work with additional private tutoring sessions

Server/Bartender, Lucky Dog Tavern and Grill, Plymouth, MN June 20xx-July 20xx
Landscaping, Pemi-Valley Properties, Plymouth, MN June 20xx-July 20xx

SKILLS AND RELATED COURSE WORK

Upper Level Chemistry Laboratory, Chemistry Dept., BSU, Bemidji, MN

- Experience working with complex laboratory instruments (ICP-OES, HPLC, GC-MS, UV-vis spectrometer, etc.) along with the related computer software.
- Responsible for maintaining an accurate and detailed laboratory notebook for keeping recorded data and processes
- Maintained a clean and organized laboratory while conducting safe laboratory practices
- Methodically collected accurate data and analyzed results
- Compared results to known literature values by searching for known literature values from reliable sources either online or hardcopy sources
- Communicate experiments and results via oral or written presentations

COMPUTER EXPERIENCE

Proficient in MS Office applications (Word, Excel, Access, PowerPoint, Publisher)
Experience in goal-oriented computer programming (Python)
Knowledge in C++, MATLAB, Linux
Experience with three-dimensional modeling (Spartan, AutoCAD)

COLLEGE ACTIVITIES AND HONORS

Chemistry Club, BSU, Bemidji, MN 20xx- Current
Upward Bound Mentor, BSU, Bemidji, MN 20xx- 20xx
Intramural Football, Soccer, Basketball, Softball, and Volleyball 20xx- 20xx
Outstanding First Years Chemistry Student 20xx-20xx
Mathematics and Computer Science Emeriti Faculty Scholarship 20xx-20xx