

Victoria Viking

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Education

Berry College, Mount Berry, Georgia, Anticipated Graduation: May 2018
Bachelor of Science, Chemistry Major, Biology Minor
GPA: 3.82/4.00

Laboratory Skills

IR spectroscopy, electrophoresis, NMR, precise titrations, protein extraction, gas and column chromatography

Awards and Honors

Kirbo Scholarship (awarded for research and academic growth), Spring 2017
Rollins Work Award (for superior contribution to student work), Spring 2017
Lambda Sigma Honor Society, Fall 2016 – Spring 2017

Research Experience

Berry College Chemistry Department, Mount Berry, Georgia
Independent Study: Crystallography I and II, August 2017 – Present

- Synthesized a lithium salt of 4-Nitrophenol with professor's assistance
- Determined which solutions produce crystals through research and experimentation
- Analyzed and compared the various crystal structures of salts

Internship Experience

Lewis Chemical Company, Rome, Georgia
Assistant Chemist, January 2017 – Present

- Manufacture surfactants and custom chemicals with a team of chemists
- Determine percentages of amines, amino oxides through lab tests
- Perform IR Spectroscopy in order to determine composition of products

Teaching Experience

Berry College Academic Support Center
Chemistry Tutor, January 2017 – Present

- Conduct one-on-one and group tutoring for introductory chemistry classes
- Assist students in development of efficient study habits
- Communicate between students and professors

Berry College Chemistry Department, Mount Berry, Georgia
Introductory Chemistry Teaching Assistant, August 2016 – May 2017

- Attended and supervised 25 students during all lab meetings
- Provided assistance to students and professor as needed
- Graded lab journals, quizzes, and reports on a weekly basis

Publications and Presentations

- "Interfaces and Interphases in Analytical Chemistry," Student Symposium on Scholarship, Poster, Berry College, April 2018
- "The Effect of Mn²⁺ on Primer Extension and Fidelity of DNA and RNA Polymerases" REU Student Symposium Presentation, Albany, New York, August 2017
- "The Crystal Structures of 4-Nitrophenol," Berry College Journal of Chemistry, Mount Berry, Georgia, December 2017

Other Experience

Walgreens Pharmacy, Atlanta, Georgia

Pharmacy Assistant, Summers 2015 – 2017

- Managed and rotated inventory within the pharmacy
- Communicated effectively with both customers and pharmacists
- Filled prescriptions under the guidance and supervision of pharmacist technicians
- Trained in drug interactions and potential side effects

Redmond Regional Medical Center, Rome, Georgia

Office Volunteer, August 2016 – May 2017

- Maintained office organization by keeping track of all paperwork and forms
- Provided assistance by running errands for office manager as needed
- Developed knowledge of general hospital and office proceedings

Berry College Computer Labs, Mount Berry, Georgia,

Computer Lab Supervisor, August 2015 – May 2016

- Supervised student computer and lab use while keeping track of lab attendance
- Guided students during computer usage and provided help when needed

Professional Organizations

American Chemical Society, August 2015 – Present

Extracurricular Activities

Berry College Presidential Ambassadors, January 2016 – Present

Habitat for Humanity, August 2016 – May 2017

Students Against Violating the Earth, December 2015 – May 2016