

John T. Leibowitz

Linkedin.com/in/Johnleibowitz • 217-555-1212 • johnl@gmail.com • Raleigh, NC

EDUCATION

East Carolina University Greenville, NC

May 2021

Bachelor of Science in Chemistry

Minor in Russian

Honors thesis: "Synthesis of bis-dipyridyl complexes of divalent transition metals."

EXPERIENCE

East Carolina University

Research Assistant, Professor Nina R. Young

August 2021 - Present

- Synthesize organic ligands and inorganic compounds, on large and small scales, using anaerobic techniques
- Produce complexes of divalent first-row transition metals; studied their interaction with dioxygen
- Characterize products with ¹H NMR, UV-vis, and IR spectroscopy as well as X-ray crystallography and magnetic susceptibility

East Carolina University

Teaching Assistant, Undergraduate Inorganic Chemistry

Fall 2020

- Planned and led 25 help sessions and recitations
- Coordinated materials, conducted lab sessions, and graded lab reports

Boys and Girls Clubs of the Coastal Plain - Greenville, NC

August 2018-Present

- Supervise club participants aged 6-11 during times of recreation and homework
- Accompany participants on field trips to places, such as the park and the movie theater

RELEVANT SKILLS AND COURSEWORK

Windows X

Excel

Cambridge Structural

UNIX

AmiProD

Database

MathCAD

PowerPoint

Inorganic Crystal Database

Computational Chemistry

Instrumental Analysis

Bioanalysis Lab

AWARDS

Dean's List

Fall 2010-January 2014

General Electric Foundation, *Grant recipient*

Summer 2011

ACTIVITIES

Member, **Alpha Delta Chi Honor Society**

2010-Present

Intern, **Urbana Food Bank**

Fall 2011