

Zachary Owens

Springboro, Ohio 45066 (937) 902-1607 zowens919@aol.com

CAREER SUMMARY

Miami University graduate with hands-on experience in a laboratory setting. Experienced, goal-driven team-collaborator preceded by hard work and a desire to learn.

· Experience working in R&D · Systematic in carrying out procedures · Good general knowledge of chemistry

WORK EXPERIENCE

- *Summer Intern, Metal Carboxylate and Organics R&D* at The Shepherd Chemical Company, Norwood, OH May 2022 – August 2022
 - Work exclusively with vanadium metal
 - Work on process development for a vanadium product
 - Present summer work to R&D department
- *Summer Intern, Metal Carboxylate and Organics R&D* at The Shepherd Chemical Company, Norwood, OH May 2021 – August 2021
 - Work exclusively with cobalt metal and its carboxylate complexes
 - Work on adapting a product process for production in Norwood
 - Present summer work to R&D department
- *Laboratory Assistant* at Archer Daniels Midland, Monroe, OH November 2019 – February 2021
 - Aid in the synthesis of food flavorings for commercial use
 - Set up glassware for reactions and distillations
 - Clean laboratory glassware for repeated use
 - Perform routine cleaning tasks
- *Nutrition Service Associate* at Atrium Medical Center, Middletown, OH June 2018 – November 2019
- *Salesperson and cook* at Waffle House, Springboro, OH July 2016 – June 2018

RESEARCH AND LAB EXPERIENCE

- Performed mechanistic computational research, Fall 2020 – Fall 2021
- Aided in a campus-wide Chemistry Education event, Spring 2019
- Performed independent research on the Dumas method, Fall 2018 - Spring 2019
 - Gave 2 presentations on research, Spring 2019

EDUCATION

MIAMI UNIVERSITY, OXFORD, OH

Graduated May 2023

Bachelor of Science, Chemistry

Minor, Japanese Language

- Summa Cum Laude, PBK member
- 4.0 GPA, President's List recipient for ten consecutive semesters
- 2022-2023 Departmental Award recipient for Outstanding Student in Japanese

MIAMI UNIVERSITY REGIONALS, MIDDLETOWN, OH

Graduated December 2020

Associates in Arts, Natural Sciences and Mathematics

- Summa Cum Laude
- 2019-2020 Departmental Award for Mathematical and Physical Sciences recipient

HONOR SOCIETY MEMBERSHIPS

- Phi Beta Kappa, Inducted April 2023

EXTRA-CURRICULAR ACTIVITIES

- Miami University, Oxford, OH
 - Taiko club, Spring 2023
 - Japanese Language Table, Fall 2022
- Miami University Regionals, Middletown, OH
 - Independent research, Fall 2018 - Spring 2019
 - Tutoring, Fall 2018 - Spring 2019

OTHER AWARDS

- Class rank in Springboro High School = 31 / 486; GPA: 4.271 / 4.00
- President's Award of Educational Excellence recipient, Springboro High School
- Member of the National Honors Society