

AMELIA CUOMO

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Education

University of North Carolina at Chapel Hill

Graduated May 2021, B.S. Geological Sciences, B.A. Physics, Music Minor

Overall GPA: 3.2

University of Oregon

Expected Graduation June 2024, M.S. Geosciences

Relevant Coursework: Chemistry 101 and 102 with Labs, Multivariable Calculus, Physics 118 and 119 with Studio, Differential Equations, Discrete Calculus, Classical Mechanics, Experimental & Numerical Techniques in Physics, Geology 200, Geology 201, Geochemistry, Hydrology and Lab, Mineralogy and Lab, Petrology and Lab, Field Camp, Structural Geology and Lab, Fluid Dynamics, Energy/Mineral Resources, Volcanology, Hillslope Geomorphology, Data Analysis, Earth Mechanics

Previous Employment

Baker, (*September 2020 – May 2022*), Brandwein's Bagels, Chapel Hill, NC

- Generated high quality product and maintained a clean workspace
- Adapted to learn many positions throughout the bakery and restaurant
- Embodied team spirit and reliability to ensure the entire operation was running smoothly

Undergraduate Researcher, (*May 2019 – August 2019*), North Dakota State University, Fargo, ND

- Produced and presented an award-winning poster at the 2020 AAAS conference
- Developed a method to effectively compare upper-division physics textbooks
- Acquired useful knowledge on how the research process is conducted

Head Lifeguard, (*May 2016 – August 2018*), Putnam County Parks Department, Carmel, NY

- Managed and oversaw a guard staff of 6 to ensure patron safety
- Developed supportive relationships with park patrons and those under my command
- Created a collaborative scheduling system to ensure staff members had equal work time

Additional Experience and Activities

Division I Fencer, (*Oct 2017 - May 2021*), UNC Athletics, Chapel Hill, NC

Alto Saxophone Player, (*Aug 2017 - May 2021*), Marching Tar Heels, Chapel Hill, NC

Secretary of Visibility in Physics, (*Apr 2020-May 2021*), UNC Physics Department, Chapel Hill, NC

Society of Physics Students Member, (*Jan 2019-May 2021*), UNC Physics Department, Chapel Hill, NC

Treasurer of Geology Club, (*Jan 2019-May 2021*), UNC Geology Department, Chapel Hill, NC

Skills

Proficient In: Python, Matlab, ArcGIS, QGIS, Microsoft Excel, and Microsoft Word