

Lucas Nibert

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Education

M.S. GEOLOGICAL SCIENCES | AUGUST 2020 (EXPECTED) | UNIVERSITY OF ALABAMA

- Thesis focuses on Carbonate geology of Cuba

B.S. GEOLOGY | DECEMBER 2016 | FORT LEWIS COLLEGE

- 3.78 GPA in Major

Career Development

USGS | MD-DE-DC WATER SCIENCE CENTER | BALTIMORE, MD

Summer 2015, WRRRI Internship Summer 2016, Contractor

January 2017-August 2018 Hydrologic Technician

- Sampled soils, surface water, groundwater, precipitation, glacial sediments, and other media to obtain relevant environmental data
- Interpreted geochemical, physical, and geospatial datasets to gain insight into environmental stressors to inform management strategies
- Assisted geospatial data acquisition teams by utilizing unmanned aerial systems, high precision GPS, and traditional survey methods
- Gained leadership experience by training and managing a team of 4 to operate a laboratory responsible for geochemical and physical analyses of sediment
- Contributed to the development of a novel, photogrammetric erosion monitoring method.
- Presented USGS science at a GSA Seattle national conference 2017
- Implemented data management methods through Microsoft software to organize sets of environmental data for analysis and eventual publication.

UNIVERSITY OF ALABAMA | GRADUATE TEACHING ASSISTANT | AUGUST 2018-PRESENT

- Historical Geology
- 3 sections with approximately 65 students

FORT LEWIS COLLEGE | TEACHING ASSISTANT | DECEMBER 2015- DECEMBER 2016

December 2015- December 2016

- Balanced 3 jobs as a full time student while scheduling individual and group tutoring sessions.
- Tutored around 60 geosciences students in Earth Systems Science and Mineralogy for 5 hrs/wk
- Coordinated with Geology faculty to implement laboratory and field curriculum

Awards & Leadership

- Newmont Partnership Scholarship Recipient (2015)
- Vice-President: FLC AAPG Chapter & FLC Geology Club (2016)
- Treasurer of Fort Lewis College AAPG Chapter & FLC Geology Club (2015)
- Presented at GSA Annual Meeting 2017
- GSA & AAPG Member

Skills

- Highly proficient in Verbal and Written Communication
- Entrepreneurial, driven, and business-minded outlook
- Software: MS Office Suite, Rstudio, Agisoft Photoscan, ESRI ArcMap Suite, CloudCompare
- Sedimentology, Geomorphology, Petrology, Micropaleontology