

EZRA BECKER

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919-943-3674

EDUCATION

NORTH CAROLINA STATE UNIVERSITY

- Master of Science Degree in Geology / 2024
- Bachelor of Science Degree in Geology | *magna cum laude* | 2022

NATIONAL ASSOCIATION OF STATE BOARDS OF GEOLOGY (ASBOG)

- Geologist in Training (GIT) Certificate | 2023

WAKE TECHNICAL COMMUNITY COLLEGE

- Associate of Science | 2018
- Associate of Engineering | 2018

EXPERIENCE

NORTH CAROLINA STATE UNIVERSITY

- **Geology Research Assistantship**
- Raleigh, NC | 2022-2024
- Performed laboratory, library, field, computer, or other activities that assisted the Geology department's research effort. Assisted faculty in collecting and evaluating research data and other projects as assigned.

NORTH CAROLINA STATE UNIVERSITY

- **Geology Teaching Assistantship**
- Raleigh, NC | 2022-2024
- Assisted faculty with classroom instruction, records, and assignments; led discussion sections; met with students during office hours; delivered lectures; led group projects or discussions; graded assignments or papers; managed course communications in Moodle; prepared laboratory materials; calculated and recorded grades; provided feedback on assignments; proctored examinations; took attendance or monitored participation; obtained and distributed course materials.

NOVA ENGINEERING & ENVIRONMENTAL

- **Construction Materials Technician**
- Raleigh, NC | 2022-2023
- Responsible for the following:
 - Field testing of soil, concrete, asphalt, aggregate, and masonry mortar/grout for compliance with ASTM, AASHTO, DOT, and/or project specifications;
 - Review of blueprints in preparation for field observations on construction sites;
 - Documentation of field activities, observations, and testing results on construction projects, and their conformance with (or deviation from) project plans and specifications;
 - Daily use of Metafield, and/or other field and laboratory information management systems, for recording testing results;
 - Communication of field and laboratory testing results with Construction Services and Geotechnical Project Management staff, general contractors, and clients;
 - Calibration of field and laboratory equipment to industry codes and standards.

CHANDLER DESIGN-BUILD, INC.

- **Site Manager**
- Mebane, NC | 2014-2016
- Mid-level management responsible for subcontractor, general contractor, building inspector, and client relations. Supervising and working with a team specializing in custom energy-efficient homes. Responsible for materials acquisition, scheduling, and 3D design work. Oversee trade contractors in the fields of carpentry, masonry, electrical, grading, flooring, and plumbing.

UNITED STATES MARINE CORPS

- **Lead Instructor**
- Camp Lejeune, NC | 2007-2008
- Lead Instructor for the USMC Machine Gunner Training Course. Responsible for adapting and implementing USMC course material. Class sizes were typically sixty or more students. Responsible for assuring the professionalism and productivity of co-instructors. Other duties included overseeing Shooting Ranges to ensure proper safety, instruction, and maintenance; keeping course materials updated; and attending monthly meetings with fellow instructors and supervisors.

UNITED STATES MARINE CORPS

- **Corporal**
- Camp Lejeune, NC | 2004-2008
- Served two tours in Iraq between 2005 and 2007. Received Honorable Discharge from the USMC in October 2008.

PUBLICATION

Becker, E. T., Hazen, R. M., Morrison, S. M., Prabhu, A., Soldati, A., 2024. **The Lithium Mineral Database**, Version 1.0. Interdisciplinary Earth Data Alliance (IEDA).
<https://doi.org/10.60520/IEDA/113329>