

## CARTER A. COLEMAN

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### EDUCATION

*University of Georgia, Odum School of Ecology, Athens, GA*

Bachelor of Science in Ecology, Certificate in Water Resources, May 2019

GPA: 3.72/4.0 – Cum Laude

### PROFESSIONAL EXPERIENCE

*The VERTEX Companies, Inc., November 2019 – May 2021*

*Assistant Project Manager, Salaried Employee with benefits*

- Utilizes skills in organization and communication to manage a diverse portfolio of remediation projects.
- Conducts field oversight for petroleum release and mold remediation projects.
- Utilizes technical writing and comprehension skills to determine reasonable remediation costs from project invoices and develop technical reports communicating time, cause, and origin analysis of environmental impacts.

*Athens–Clarke County (ACC) Solid Waste Department, August 2017 – January 2019*

*Solid Waste Intern, \$7.25/hour, 12 hours/week*

- Conducted monthly methane well field monitoring at ACC landfill by collecting levels of O<sub>2</sub> (%) and Lower Explosive Limit (%LEL) of methane from monitoring wells via hand-held gas detector.
- Prepared official methane monitoring reports in accordance with Georgia Environmental Protection Division regulations by reporting collected data in GA standardized monitoring reports.
- Assisted the Educational Outreach Coordinator with ACC community outreach and planning yearly events such as the Green Life Expo and the Vulture Festival.
- Managed recycling diversion data by tracking weekly recycling weights from Athens-Clarke County schools using Microsoft Excel.

### ECOLOGICAL RESEARCH EXPERIENCE

*CIEE campus, San Luis de Monteverde, Costa Rica*

*Teaching Assistant UGA Tropical Ecology, \$10/hour, 40 hours/week. May 2019 – June 2019.*

- Guided students in planning research projects, instructing proper water monitoring techniques, and helping with basic analytical writing skills for ecological research.
- Helped students adjust to classes abroad by facilitating travel and itinerary for the course, accompanying students to clinics when ill, and helping mediate personal conflicts.

*University of Georgia, Athens, GA*

*Research Intern, Middle Oconee Flow Project. Unpaid, 12 hours/week. June 2016 – December 2016*

- Collected biotic and abiotic water quality data from the Middle Oconee River by utilizing YSI meter, Turbidimeter, filtered water samples for water chemistry analysis, Licor meter, and procedures in macroinvertebrate, macrophyte, algae and biofilm collection.
- Performed laboratory procedures for processing biomass samples using vacuum filtration, separating macroinvertebrates, macrophytes, and algae from integrated samples, and identifying macroinvertebrates to order.
- Learned fundamentals of proper research design by participating in laboratory meetings, focusing on paper discussion and providing feedback on in-progress research project

### COMPUTER SKILLS

- Introductory course work using ArcGIS performing spatial analysis on forestry related assignments.
- Knowledge of basic population and community ecology data management and statistical analysis using RStudio.
- Proficient in basic data management and statistical analysis in Microsoft Excel.