



CARL-FRANKLIN W. RUSSELL, M.S.C.E, E.I.
Staff Engineer



Professional Experience

Dan Brown and Associates, P.C. (Jan 2022-Present)

B.C. Engineering and Construction Management, Inc. Cumming, Georgia (2019-2021)

- Responsible for designing site plans, utility plans, grading plans, erosion control plans and profiling any water, sewer, or storm lines that would enable us to gain an LDP (land disturbance permit) for commercial construction.
- Responsible for residential projects, including 50-lot neighborhoods and individual house lot and grading plans.
- Responsible for working with zoning attorneys designing CUP's (conditional use permits) and rezoning parcels.

Woodruff & Howe Environmental Engineering, Inc., Cumming, Georgia (2017-2018)

- Assisted in developing Storm Water Pollution Prevention Plans (SWPP) and Spill Prevention Control Countermeasure Plans (SPCC) for clients
- Assisted on site visits that consisted of observing plant activities and properly inspecting and documenting where corrosive chemicals, gas, or oil was stored on site

Education

M.S., Civil Engineering (Geotechnical Emphasis), Auburn University, 2021

B.S., Civil Engineering, Auburn University, 2019

Research Experience

Graduate Research Assistant, Auburn University (2020-2021)

- Performed research evaluating the methods used in pile load testing across Alabama Department of Transportation projects.
- Assisted in data collection for various geotechnical research projects.

Undergraduate Research Technician, Auburn University (2018-2019)

- Collected research data on Moore's Creek stream in Lanett, Alabama for Dr. Frances O'Donnell.
- Responsible for visiting the site weekly to test the stream for suspended solids, turbidity, and dissolved oxygen.
- Responsible for conducting a series of laboratory tests on the water samples to determine water quality.

Professional Licensure and Certifications

Registered Engineering Intern in Alabama

Professional Memberships and Honors

ADSC-IAFD – Long Family Scholarship Recipient (2021-2022 Academic Year)

American Society of Civil Engineers (ASCE)

Auburn Geotechnical Society

Civil Engineering Honor Society – Chi Epsilon