

GUS GOLDBERG

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Raleigh, NC 27606

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ACADEMIC EXPERIENCE

North Carolina State University - Raleigh, NC

Second Bachelor's in Mechanical Engineering. Current GPA 4.13. Expected graduation in May 2018.

Amherst College - Amherst, MA

Graduated 2010 with a BA in Religion and GPA 3.85.

Engineers Without Borders, NCSU, Sierra Leone Water Systems

- Led design team and traveled with a student group planning and implementing a well and water distribution system for a community in Sierra Leone

PROFESSIONAL EXPERIENCE

Highwoods Properties – Raleigh, NC, 2017

- As part of NC State's co-op program, assisted engineering and energy management teams for a commercial real estate company
- Responsibilities included managing electrical metering, analyzing and commissioning building control systems, and data analysis projects. Also assisted with construction drawing reviews and engineering standards development.
- Completed Energy Star certifications for over 60 commercial office buildings, with support from P.E. supervisor
- Conducted one analysis project that resulted in over \$250,000 in annual energy bill savings for a single office park

Cooper Riis - Asheville, NC, 2012-2015

- Worked as direct care staff for 22 residents at a mental health care program
- Assisted in conflict resolution, providing emotional support, and building community
- Involved strong communication and leadership skills as well as working closely with a small team in high-pressure situations

The Outdoor School - Marble Falls, TX, 2011-2012

- Worked with over 50 groups of students in grades 4-8
- Taught outdoor science classes and facilitated teambuilding, ropes course, and rock climbing
- Involved communication skills, flexibility, patience, and close attention to questions of safety

TECHNICAL SKILLS AND CERTIFICATIONS

FE Exam completed. Other skills include Matlab, JMP, SolidWorks, ANSYS, MS Office (including Excel), building automation software (ALC WebCTRL, Alerton Compass, Tracer Ensemble).