

Candace Coleman

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EDUCATION

Vanderbilt University, Nashville, TN **May 2019**
Bachelor of Engineering, Civil Engineering
Minor: Managerial Studies, Scientific Computing
Cumulative GPA: 3.74/4.00
Study Abroad: University of Cambridge, Cambridge, England **Spring 2018**

Coursework: Soil Mechanics, Spatial Planning, Water Resources Engineering, Risk, Reliability, and Resilience Engineering, Fluid Mechanics, Structural Design

PROFESSIONAL EXPERIENCE

Berg Engineering Group, Allendale, CA **May 2018 - August 2018**
Project Management Intern

- Assisted in developing designs, layouts, and design calculations for six commercial use land developments using Creo
- Analyzed design drawings, specifications, and budget estimates for municipal approval
- Conducted site visits to in-progress constructions to assist in state and federal building compliance inspections

Aneera Technology Corporation, Ackerman, IL **May 2017- August 2017**
Project Management Intern

- Developed and implemented five electrochemical filtration devices for 3D printing apparatus production
- Performed quality assurance and user acceptance testing on each device before mass production
- Generated quality assurance reports for each device with recommendations on general improvements to prototyping process

Roundtree Instrumentation, Chicago, IL **December 2016 - January 2016**
Project Management Intern

- Created a software application to measure mechanical points of weakness along automotive manufacturing line
- Increased system functionality by 20% through the use of MATLAB transfer function analysis
- Generated technical report proposing improvements in efficiency and system stability

LEADERSHIP EXPERIENCE

Engineers Without Borders, Nashville, TN **August 2016 - Present**
Secretary, Programming Committee Lead

- Collaborated with Guatemalan community leaders to design and implement solutions for clean water access
- Established 50-person, international service trip to install and replicate five community- based water retrieval hubs

Alpha Beta Zeta Sorority, Inc., Nashville, TN **May 2017 - January 2018**
Treasurer

- Managed \$100,000 activities budget to create an immersive, six-week leadership training program for incoming members
- Produced and implemented new member financial training for 165 current and incoming members

TECHNICAL SKILLS

- Languages: Fluent in French, C++, JavaScript, Python, MATLAB
- Proficiency in: Creo, AutoCAD, ArcGIS
- Operating Systems: Windows, Unix, Linux, MAC OS X