

Erin Engineer

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EDUCATION

Bachelor of Science in Bioengineering Spring 2018
Clemson University Clemson, SC
Universidad de Alicante Semester Exchange (13 Credits) Spring 2014
Universidad de Alicante Alicante, Spain

RESEARCH EXPERIENCE

Climate Institute Lead Intern Summer 2016
Sustainable Development Project Washington D.C.

- Conducted research to supplement development plan of a carbon-neutral industrial park
- Produced energy estimates for company to use in future development plans
- Investigated efficiency measures and design strategies for industrial park plans
- Managed a team of 4 interns to generate research and compose a 120-page research analysis

Creative Inquiry Researcher: Freshman Design Project Fall 2014
Department of Engineering, Clemson University Clemson, SC

- Created a design for a pair of crutches using a 3D printer
- Presented design as part of a 4 person team to Bioengineering Department
- Utilized SolidWorks 2014 software for 3D printing

LEADERSHIP

Treasurer Spring 2015–Present
Undergraduate Clemson Bioengineering Society Clemson, SC

- Manage \$50,000 budget for programming and conference grants
- Act as liaison between organization and student government

Resident Assistant Fall 2015–Present
Residents in Science and Engineering Living Learning Community, Clemson University Clemson, SC

- Aid in tutoring sessions with freshman general engineering students
- Support residents in traditional residence hall community
- Collaborate with building and campus partners to provide meaningful programs for residents
- Foster personal relationships with residents in designated building

Staff Writer Fall 2015–Present
The Clemson University Tiger Newspaper Clemson, SC

- Write weekly articles for the university's official school newspaper, run entirely by students
- Cover a multitude of scientific, technological, and social news on campus

ACTIVITIES

- Alpha Eta Mu Beta Bioengineering Honors Society, *Member* Fall 2015–Present
- Clemson University Tiger Band, *Member* Fall 2012–Present

RELATED COURSEWORK

Product & Process Design • Electronics • Physics • Chemistry • Biomaterials • Cell Biology • Dynamics • Calculus
Logic and Computing • Statistics • Computer Aided Design • Statics • Programming and Problem Solving

SKILLS

MatLab • Java • Microsoft Office • Adobe InDesign
Adobe Photoshop • SolidWorks 2014 • ADAPTIV • Maximo