

Zach Primm EIT

zprimm@g.clemson.edu • 1441 21st St., Manhattan Beach, CA 90266 • (714) 306 5647
<https://zprimm.wixsite.com/zachprimmportfolio>

Education

Clemson University

Clemson, SC

B.S. in Biosystems Engineering; Minor in Sustainability (Graduated with Honors)

8/13 – 12/17

- Emphasis in Ecological Engineering with a background in Industrial, Civil, and Mechanical Engineering
- Coursework in Fluid Mechanics, Structures, Thermodynamics, Design Ergonomics and Engineering Economics
- Welcome Leader: provided support and guidance for incoming freshman and transfer students

Trier Fachhochschule

Trier Germany

Sustainable Energy Systems Study Abroad Program

summer 2014

- Participated in maintenance of a zero emission campus
- Performed automotive impact safety tests

Undergraduate Research

ACE Basin, SC

Artificial Oyster Reef Restoration Creative Inquiry

8/14 – 12/16

- Acquired field data to analyze biocompatibility of materials as well as design impact on marsh protection
- Lead Presenter at the 10th Annual Creative Inquiry Forum

Undergraduate Research

Clemson, SC

Myanmar Human Wildlife Conflict Creative Inquiry

1/16 – 6/16

- Investigated potential causes of human elephant conflict in Myanmar
- Discovered new agricultural development was threatening elephant territories leading to violent conflicts
- Utilized social engineering strategies to write a kids book that highlighted elephants importance to the ecosystem as well as their social traits that mirror human activities in order to mitigate conflict and create a sustainable landscape
- Published and distributed the book across 150 Myanmar schools

Professional Engineering Experience

LSA Associates | Environmental Consulting Firm

Irvine, CA

Climate Change Intern

5/17 – 8/17

- Performed a companywide greenhouse gas emission inventory to analyze and mitigate employee related carbon footprint
- Utilized CalEEMod and other software to perform life cycle analysis for multiple apartment complex construction plans
- Gathered sound data associated with traffic noise for a highway expansion project before using ArcGIS to create sound projection contours to visually display the corresponding data

AECOM | Engineering, Infrastructure, and Consulting Firm

Los Angeles, CA

Safety Health and Environment Intern

5/16 – 8/16

- Acted as a liaison between regional leadership and subsidiary contractors
- Independently implemented safety audits at environmental remediation and construction sites, including a Caltrans project. Time spent at each site ranged from a day to two weeks depending on scope
- Expanded knowledge of safety and environmental regulatory requirements as well as engineering specifications
- Acquired OSHA General Industry Safety and Health 10 hour certification

Other Employment

Tropical Bros | Hawaiian Shirt and Lifestyle Company

Clemson, SC

Brand Ambassador

10/16 – 12/17

- Planned and executed a market growth strategy to promote brand awareness through my personal network and across social media platforms in order to drive sales
- Top 5 in sales revenue generated during the inaugural brand ambassador sales challenge

Hammer Head Beach Camp Inc.

Torrance, CA

Head Guard Prep

5/14 – 8/15

- Empowered children, including those with special needs, with confidence via ocean based education and safety training
- Managed a team of over 20 volunteers

Skills and Interests

- Experience with: Word, Power Point, Excel, AutoCAD, ArcGIS, CalEEMod, and Matlab
- Mira Costa varsity football and soccer team captain
- Clemson University 2015 Co-Ed Intramural soccer and 2016 flag football champion
- Reached maximum term limit for the Phi Sigma Kappa executive board
- Redondo Beach Adult Basketball Team Manager and Treasurer