

# Ross Creighton

---

A highly motivated and authentic problem solver by day;  
Musician, competitor, and volunteer by night;  
Who dreams of changing the world with his work on the web.



## WEB DEVELOPMENT EXPERIENCE

### Clemson Engineers for Developing Countries

Clemson, SC 2013

*Director of Technology Solutions*

- Led team of four in the design and development of the organization's website using HTML5, CSS3, Twitter Bootstrap, Javascript/JQuery, PHP, and Adobe Flash
- Developed a unified approach to organizational communication, document storage, project tracking, and project showcasing
- Organized and maintained all electronic content the organization produces on the central storage drive

### Capstone Filter Services

Greer, SC 2005-2011

*Web Developer*

- Established comprehensive internet presence for air filtration business, including SEO, brand strategy, and social media
- Designed and developed company website using HTML5, CSS3, Twitter Bootstrap, Javascript/JQuery, and PHP

## OTHER PROFESSIONAL EXPERIENCE

### Clemson Engineers for Developing Countries

Cange, Haiti 2012

*Project Manager*

Clemson, SC 2012

- Designed and constructed a water filtration system in third-world Haiti, which reduced fecal coliforms in the water supply and eliminated cholera-related deaths in the area.
- While in Haiti, performed land surveys, data collection, and research for future public health and infrastructure projects

### Black & Veatch Corporation

Greenville, SC 2011

*Civil Engineering Intern, Water Division*

- Corresponded with major contractors and reviewed submittals as an integral part in the chain of review for construction documentation for large scale construction projects.
- Performed inspections of work on construction sites while overseeing contractors

### Capstone Filter Services

Greer, SC 2005-2011

*Service Technician*

- Independently serviced major accounts, including Denny's and The Cliffs, which included replacing air filters and maintaining system sanitation in HVAC systems in commercial and industrial facilities
- Managed, documented, and tracked incoming orders to optimize turnaround time

## LEADERSHIP EXPERIENCE

### Clemson Engineers for Developing Countries

Clemson, SC 2012

*Director of Communications*

- Managed a team of five students responsible for marketing the organization, making valuable connections outside of the organization, and long-term planning in order to raise awareness, develop the brand, and acquire both monetary and intellectual resources
- Identified and solved faults in previous marketing and communications strategies

## SKILLS

### Web Development

- HTML 5.0
- CSS 3.0
- Javascript
- PHP
- MySQL
- Responsive Design
- Networking Protocols

### Software

- AutoCAD (LDD and Civil 3D)
- HEC-HMS
- IDEAL
- Adobe CS6
- Microsoft Office

### Languages

- Spanish

## EDUCATION

Clemson University  
Clemson, SC

### Bachelor of Science in Civil Engineering

December 2013 Graduate

Overall GPA: 3.2

## HONORS & AWARDS

CEDC Scholarship Recipient  
2011-2013

J. Roy Pennell Scholarship  
for Civil Engineering  
2010-2013

South Carolina Life Scholar  
2009-2013

President's List [4.0 GPA]  
2009-2011