

emily c. ritter
web developer
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value

Inquisitive web developer with a passion
for building high-quality, creative, and
testable web applications.

find me

Fort Worth, TX 
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relevant experience

Back End Web Developer - THE IRON YARD (2016 - PRESENT)

The Iron Yard is a 12-week immersive code school. The program started with HTML and CSS, then moved into Ruby, databases, and Rails, and ended with JavaScript and ReactJS. Coursework mimicked fast-paced, on the job learning with a focus on product development.

Database Developer and Administrator - MS ACCESS (2015 - 2016)

Developed and maintained two desktop databases at Breitling Consulting, LLC for internal and external projects (i.e. employee and project resume database for project proposals; data collection and analysis database for EPA Greenhouse Gas (GHG) Emission Inventory Reports) to streamline workflow processes and increase company-wide profitability. Self-taught Access, Visual Basic, SQL, and Macro Actions.

Data Analysis - MS EXCEL (2012 - 2013)

Created data collection and analysis spreadsheets using MS Excel for collecting GHG Emission Inventory data prior to developing an Access Database at Breitling Consulting, LLC (2013).

Developed organizational system to maintain data and analyze results from an airfield-wide storm drain inspection using MS Excel at the Dallas-Fort Worth International Airport (2012).

These excel projects established an interest in data collection and manipulation and prompted the desire to explore more durable data management systems and technologies.

</> front end

HTML & CSS
SASS & LESS
Bootstrap & MDL
Responsive design

jQuery & AJAX
JavaScript
JSON
React

☰ back end

Ruby & ERB
Ruby gems
MVC design
Git & Github (VCS)

SQL & PostgreSQL
Ruby on Rails
RESTful APIs
TDD & BDD

🌐 professional

Natural leader with ability to work
autonomously or in a team
Analytical problem-solver
Lifelong learner

work history

Environmental Scientist | Breitling Consulting, LLC | July 2015 - Jan. 2016

Prepared state and federal air permits. Conducted Phase I Environmental Site Assessments for commercial real estate properties.

Project Manager | Texas Christian University & Tarrant Regional Water District | Nov. 2014 - July 2015

Grant Project: "Economic Impact Analysis of Integrated Pipeline Project: Regional Partnership for Water Supply"

Delivered project on time and under budget despite being hired midway through the project timeline.

Graduate Teaching Assistant | Texas Christian University | Aug. 2013 - May 2015

Dean's Graduate Student Teaching Award in the School of Geology, Energy, and the Environment, 2014-2015

Instructed two undergraduate environmental science lab courses (Soil Science & Introduction to Environmental Science).

Environmental Scientist | Breitling Consulting, LLC | Jan 2013 - Aug. 2013

Hired as an intern and quickly promoted to Environmental Scientist position.

Sustainable Programs Analyst | DFW International Airport: Asset Management | Jun 2012 - Sept. 2012

Conducted storm drain inspection for the Airfield Operations Area in accordance with various environmental laws and regulations.

education

The Iron Yard - Houston
Back End Web Development
Emphasis: Ruby on Rails
Apr. 2016

Texas Christian University
MA Environmental Science
GPA: 4.0 - May 2015

Texas Christian University
BS Environmental Science
Minor in Mathematics
GPA: 3.98 - Dec. 2012

Technical References

Jesse Wolgamott | The Iron Yard - Houston | Back End Instructor | jesse@theironyard.com | o: 713.425.3797

Brian Dorton | The Iron Yard - Houston | Campus Director | brian.dorton@theironyard.com | o: 713.425.3797