



John M Buscemi

Raleigh, NC 27603

jmbuscemi.github.io |    @jmbuscemi

Hardworking and eager to learn with strong computing, communication, and time management skills. Software Applications Engineer at Red Hat developing the Red Hat Subscription Management application, which is heavy on the Ruby, light on the Rails.

TECHNOLOGY SUMMARY

Ruby | Ruby on Rails
Git
RSpec | MiniTest
Agile Methodologies
REST APIs
SQL | PostgreSQL
HTML5 | CSS3 | Javascript | jQuery
Golang
Unix | Fortran 77/95
Microsoft Office Suite

EDUCATION

The Iron Yard – Durham, NC
Ruby on Rails, July 2015

North Carolina State University – Raleigh, NC
Bachelor of Science: Aerospace Engineering, May 2006

LEADERSHIP

Teaching Assistant
The Iron Yard | September 2015 – November 2015

- Provided mentorship to students.
- Assisted Instructor with design of lessons.

Engineer III
Belcan | January 2013 – April 2014

- Cultivated and trained junior engineers.
- Implemented new analysis automation methods improving iteration turn around time and saving customer \$50,000 in manpower costs.

Team Leader – Mars Tumbleweed Senior Design Project
NCSU | August 2005 – May 2006

- Led a team of seven students to design a working Earth Demonstrator for the Mars Tumbleweed Rover project, working in close collaboration with NASA LARC researchers

Board Member
TheWorldsGreatestScholarshipInTheUniverseScholarship.com
December 2011 – Present

PROFESSIONAL EXPERIENCE

Red Hat Inc. – Software Applications Engineer
Raleigh, NC | (December 2015 – Present)

- Ruby on Rails developer on IT Products and Technologies team building the Red Hat Subscription Management web application.
- Responsible for both front and back end development as part of a large UX overhaul.
- Helped construct a new Golang service for more performant access to data.
- Emphasized testing, creating a more robust application.

The Iron Yard – Ruby on Rails Teaching Assistant
Durham, NC | (September 2015 – November 2015)

- Provided mentorship to students guiding their learning through debugging assignments.
- Developed tool to share pictures of whiteboard diagrams with students.

The Iron Yard – Ruby on Rails Engineering Student
Durham, NC | (May 2015 – July 2015)

- Immersed in an intensive 12-week course studying Ruby and the Rails framework with an emphasis on Test Driven Development.

Belcan - Advanced Engineering Technology Division
Palm Beach Gardens, FL | (January 2008-April 2014)
Structures Analyst

- Extensive structural analysis experience with both jet engine fan blades, compressor blades, and stator vanes.

INTERESTS

Music

- Write, record and locally perform original music.
- Organized, booked and funded a two-week tour playing original music at venues throughout the Southeast, US.

Sports

- Grew up surfing for the WhaleBone Surf Team on OBX, NC.
- Enjoy playing soccer, basketball, and following NCSU athletics.

Travels

- Germany, France (September 2016 | 2 weeks)
- Australia (August-September 2014 | 3 weeks)
- Barbados (December 2005 | 2 weeks)
- Nicaragua (May-June 2004 | 2 weeks)
- South Africa (July 1999 | 1 month)
- Fiji (December 1997, 1998 | 2 weeks)
- Many more to come...

WORDS TO LIVE BY – “It is not the length of life, but the depth.” Emerson