



# John M Buscemi

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**Hardworking and eager** to learn with strong computing, communication, and time management skills. Graduate of The Iron Yard Code School's Ruby on Rails course with a focus on the logic and database needs required to run and scale full stack web applications.

## TECHNOLOGY SUMMARY

Ruby | Ruby on Rails

Git

MiniTest

Agile | RESTful

SQL | PostgreSQL

HTML5 | CSS3 | Javascript | jQuery

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

*The Iron Yard – Ruby on Rails Teaching Assistant*

*Durham, NC | (September 2015 – November 2015)*

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

*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.
- Designed and developed, over 3 weeks, a networking app for Iron Yard alumni to facilitate connections and the sharing of resources.

*Belcan - Advanced Engineering Technology Division*

*Palm Beach Gardens, FL | (January 2008-April 2014)*

Structures Analyst

- Extensive structural analysis experience with both commercial and military engine fan blades (hollow and solid), compressor blades (LPC and HPC), and stator vanes.

Test Engineer

- Developed pre-test predictions for structural integrity and safety of commercial and military engines.

## INTERESTS

Music

- Write, record and locally perform original music.
- 2010 Holiday Tour – 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

- 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)

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