



FooBar(Betty)

{coder; builder; problemSolver;}

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Elisabete Vail
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Work & Experience

Healthcare Data Quality Analyst

Humedica – An Optum Company, Boston, MA

April 2014 – August 2014

- Verify data quality, while automating collection, analysis and validation of PetaBytes of Healthcare Data
- Curate Confluence Wiki space, documenting/streamlining Data Quality tools, processes and concepts

Technical Support Engineer

NuoDB, Inc., Cambridge, MA

September 2012 – September 2013

- Moderated NuoDB online Support Forum, clarifying product details for Engineer-based community
- Reproduced/resolved reported issues, working with senior Engineers to Triage JIRA tickets twice weekly

Report Developer, Technical Analyst

Bullhorn, Inc., Boston, MA

June 2011 – September 2012

- Wrote and revised custom JasperSoft iReport, SQL and ColdFusion reports and merge documents
- Developed custom R tool for Enterprise team to query SQL database, run calculations and return graphs
- First recipient of peer-nominated “Rock Star Award” in recognition of being a team-player

R Programmer

Harvard University/Harvard Forest, Petersham, MA
Research Experience for Undergraduates (REU)

Summer 2010

- Wrote R scripts and calculations, utilizing R models and Future Emission Scenario variables to filter 81K+ US Forestry records into maps forecasting Climate Change affect on distribution of Oak tree populations

Computer Support Specialist

Simmons College, Technology Support, Boston, MA

Fall 2005 – Spring 2010

- Provided campus wide tech support via phone, email and assisting with repairs via “Self-Help” clinics
- Hired and trained junior student staff to diagnose/repair software and hardware issues

Sea Squirt Population Modeling Project

Simmons College, Boston, MA

Spring 2007 – Summer 2008

- Awarded \$10.5K National Science Foundation grant for self-designed interdisciplinary project
- Joined Woods Hole Oceanographic Institute (WHOI) on field expedition to Liquid Jungle Lab in Panama
- Used R to analyze presence data collected on Ascidians (aka Sea Squirt, an invasive marine organism)
- Project resulted in Sigma Xi induction and co-authorship on related paper published by WHOI

Education & Honors

Simmons College, Boston, MA

Class of 2011

B.S. **Computer Science**

B.S. **Biology**

Sigma Xi Scientific Research Society

Beta Beta Beta National Biological Honor Society

Tools of the Trade

