FooBar(Betty)

{coder; builder; problemSolver;}

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Elisabete Vail
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Work & Experience

Healthcare Data Quality Analyst
April 2014 - Present

Humedica – An Optum Company, Boston, MA

- 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
September 2012 – September 2013

NuoDB, Inc., Cambridge, MA

- 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
June 2011 – September 2012

Bullhorn, Inc., Boston, MA

- 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
Summer 2010

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

- 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
Fall 2005 – Spring 2010

Simmons College, Technology Support, Boston, MA

- 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
Spring 2007 – Summer 2008

Simmons College, Boston, MA

- 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

LANGUAGES

Perl
ColdFusion
PHP
XML   CSS3   Command Line
JavaScript   Java   HTML5
SQL   Sublime
MS Windows   JasperSoft iReport   Vi
SUSE   Ubuntu   R   R GUI   RStudio
Amazon Web Services   Mac OS X   RazorSQL
MySQL   NuoDB   Tortoise SVN
Amazon EC2   Vmware Fusion   SQLDeveloper
ORACLE   HDFS   SQL Server   GitHub   ZenDesk
Solaris   RedHat   JIRA   Virtual Box
Hibernate   Wiki   VBulletin

PLATFORMS   TOOLS