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LOUIS W. SIVILLO

SKILLS

Programming: Java (J2SE, Swing), JUnit, Ruby (RoR), RSpec, JavaScript (jQuery and dojo), SQL, HTML, CSS, C++

Tools: Git, Perforce, IBM Clearcase, CVS, RubyMine, IntelliJ, NetBeans, Eclipse, Sublime, MATLAB, JUnit/JTest, Rational Rose, UML, MATLAB

Operating Systems: Mac OS X, Unix, Linux, Windows

CORE EXPERTISE

- Full Stack MVC Web Development
- Open Architecture Design/Software Reuse
- Agile/Waterfall Development Methodologies
- Multi-threaded Programming

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER, MATHWORKS   [JAN 2012 – PRESENT]
- Develop MATLAB for Desktop using J2SE 1.6 and SWING
- Port desktop product to the web using HTML, CSS, JS and MVC design patterns
- Collaborate with HMI/Usability Engineers for user interface considerations
- Resolve in phase defects and design interactive tests to QA standards
- Met delivery milestones ahead of schedule

SOFTWARE DEVELOPER, GAZELLE   [AUG 2011 – JAN 2012]
- Maintain front end website gazelle.com using RoR, jQuery, HTML and CSS
- Implemented mobile web site, yielding mobile conversion rate increase of 5%
- Refactored backend system architecture to integrate with external payment system Cashstar

SOFTWARE ENGINEER, BEACON INTERACTIVE SYSTEMS   [JAN 2011 – AUG 2011]
- Implemented US Government web applications using Ruby on Rails and JavaScript
- Implemented agile software development application to be used internally on all projects
- Created conversion gem (haml2erb), reducing in-house upgrade time (Rails 2 to Rails 2) by 40 hours
- Productive team member in less than 2 months (no prior RoR experience)

SENIOR SOFTWARE ENGINEER, RAYTHEON   [APR 2010 – JAN 2011]
- Primary Java developer (10K SLOC) on Navy Destroyer steering/thrust control
- Lead Java/C++ Weapon Control Element developer (15K SLOC) including track

simulation and test software

SOFTWARE ENGINEER I/II, RAYTHEON [JAN 2004 – APR 2010]

- Prototyped Navy Combat Direction System software GUIs using J2SE and SWING

- Practitioner of all software development lifecycle activites

EDUCATION **UNIVERSITY OF RHODE ISLAND – BACHELOR OF SCIENCE – COMPUTER SCIENCE**

Major GPA: 3.58

Overall GPA: 3.32, Cum Laude