

Rose Wiegley



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Objective

To obtain a senior engineering position working on web development for an interesting startup company.

Skills

- Languages: C, Ruby, Javascript, Shell, Assembly
- Web Development: Ruby on Rails, REST, Cucumber, RSpec
- Operating Systems: Linux/Unix, OS/X
- Kernel/Hardware: Device Drivers, Hardware Integration, Device Failover, RAID
- Leadership: Product architecture, Project management, Public Speaking, Negotiating

Experience

Parkside Software / Independent Contractor 2006 - Present

- Designed and currently implementing Project Notebook, a soon to be released Ruby on Rails platform for social collaboration on shared customer price books.
- Provided customers with emergency architecture analysis and debugging for Ruby on Rails and Javascript including finding and fixing security holes in a Rails server and debugging existing Javascript issues.
- Setup and maintained websites for multiple customers including porting to and modify Wordpress themes.
- Ported customer's hardware monitoring system from proprietary OS to Linux.

Mirapoint 2000 - 2005

- Managed projects including product management for a new hardware product and negotiating a software license agreement with a vendor.
- Designed, implemented and maintained a variety of features including N+1 server failover, NIC failover and a new expanded system health monitoring system.
- Improved product support by adding human readable hardware logging, documenting the patch process, participating in the engineering emergency response team and providing training on new features to support.
- Added hardware support including complete hardware health monitoring, LCD display software, device driver updates, software for RAID controller cards, updates for new disks, and ports to new servers and motherboards.
- Added operating system support including porting software from a proprietary OS to FreeBSD and providing bug fixes and performance enhancements to the kernel threading and memory management code.

Hewlett-Packard 1996 - 2000

- Improved product performance and stability by rewriting the LaserJet micro-memory manager, designing and integrating a path for printing characters as outlines instead of bitmaps, and fixing a variety of defects.
- Researched future products including creating a white paper, requirements document, features document and presentation on secure printing.
- Added hardware support for future advanced printer/copier product including device drivers and DSP code.

Education

CARNEGIE MELLON UNIVERSITY, Pittsburgh, PA 1992 - 1996

- Bachelor of Science, Electrical and Computer Engineering
- Masters of Engineering, Electrical and Computer Engineering