Chris R. Henney

codehats.co
chrismail@gmail.com (512) 888-7296

EXPERIENCE

Title: Web Developer Bootcamp Student 11/2013 – 02/2014
Employer: MakerSquare; Austin, Tx www.themakersquare.com/
Accelerated 10 week course where I combined knowledge of JavaScript, JQuery, HTML5, CSS3, Ruby, and Rails to create database-driven web apps. Pair programmed and utilized collaboration and project management tools on Github. Experience with API integration. Studied JavaScript MVC frameworks Riot.js and Backbone.js. Learned Test Driven Development via Rspec.

Title: Senior Programmer 11/2012 – 07/2013
Employer: HOTWords; São Paulo, Brazil www.hotwords.com
Ad Network aimed at Spanish and Portuguese markets

Responsibilities:
1. Integrated a 3rd Party Ad server (VideoHub) for delivery and verification of video ads using Java and JavaScript. Configured and maintained international ad campaigns using this service.
2. Analyzed logged event data aggregation process to identify problems in the following sequence : JavaScript events, ETL via shell scripts, MapReduce PIG scripts on Hadoop cluster, SQL query manipulation.

Title: Technical Lead 2010 - 2011
Senior Software Engineer 2004 - 2010
Software Engineer 2000 - 2003
Employer: 21st Century Technologies; Austin, Texas www.21ct.com/
R&D contractor providing custom analytic solutions primarily in Java.

Responsibilities:
Algorithms and GUI development; Lead Developer
1. Lead developer of Small Business Innovation Research (SBIR) Phase I effort on a Configured Load Building Tool. Held continuous roles through both Phase II and III representing 8 years of design, development, implementation and testing.
   - Designed algorithms combining a genetic process with a heuristic placement engine to generate packing instructions for loading conveyances. Designed software GUIs. Authored software demos. Managed 36 software releases.
2. Lead developer of SBIR Phase III effort for Evaluation of Ammunition Storage Space Utilization. Designed algorithm to pack a storage warehouse and provide access to any stored good with minimal removals.
3. Product integration, customization, and support for LYNXeon, the company's flagship analytic platform.
   - High-scalability performance testing and analysis.
   - Custom analytics development.
   - Extraction, Transform, and Load process design.
4. Contributed to SBIR Phase II effort developing Intelligent Mining Platform for the Analysis of Counter Terrorism (IMPACT). This involved packaging several data mining algorithms: classification (SPRINT), association rule induction (Apriori), frequent pattern analysis, link analysis, and clustering (ROCK)

TECHNOLOGY SUMMARY

Languages: JavaScript, Ruby, Rails, Java
Platforms: Windows 2000/XP/7/8 familiar with Android, Solaris, Ubuntu
Web Technologies: HTML, CSS, XML, JSON
Databases: PostgreSQL, MySQL, MongoDB
Dev Process Tools: InstallAnywhere, NSIS, Maven, JIRA, SourceSafe, Subversion, GIT, Jenkins

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EDUCATION

- BS, Computer Engineering, University of Texas at Austin, Austin, TX, 2000
- Reciprocal Exchange Program, University of Sydney, Australia