Resumé of
Reid A. Woodbury Jr.

5826 Donna Ave.
Tarzana CA 91356 USA

voice/cell: 818-749-6065
e-mail: reid@rawsound.com
http://www.rawsound.com

Summary

I am a senior PHP, LAMP, web API programmer, and mid-level Linux system administrator (LAMP administrator. I am looking for a position where learning is a passion and a joy of system and software design is shared. I can also program in C++ and have created PHP extensions, studied machine learning, real-time audio programming, and have years of managing assistants as a freelance sound editor.

Work Experience

8/2018 – 12/2018   Implant Direct   Valencia, California

Contractor. Developed middle-ware application to manage data between Syteline and Magento 2.

5/2016 – 12/2017   Magento eCommerce   Culver City, California

Development support, bug fixes for their Enterprise Edition. PHP, MySQL and JavaScript. Magento has a unique, highly granular code override system that allows everything to be modified without altering any original code. Patch building and delivery.

10/2014 – present   Capsicum Group   Philadelphia, Pennsylvania

Code and database analysis, legal forensics. PHP development for SuiteCRM.

10/2014 – 1/2016   Take-Two Interactive/Capsicum Group   New York, New York

Remote contractor DBA and LAMP programmer building an inventory management system to consolidate information about their computing assets. This involves retrieving data through the Web APIs of management programs (SOAP, XML-RPC, and REST).

6/2011 – 9/2014   DWCDirect   Camarillo, California

Partner company to WorkCompCentral. Designed and built entire SOA (or web API in XML-RPC, JSON-RPC, and REST) system including bare metal installation of OS, LAMP stack software, code management, and data replication for a document delivery system.

2/2007 – 7/2014   WorkCompCentral   Camarillo, California

Performed all parts of full LAMP stack programming and operations including jQuery, PHP, MySQL, security, Linux server, and Windows Server administration.

Applied machine learning to rank related news stories, legal documents, and course descriptions.

Built interactive workers' comp calculators including handling commutation and disability ratings.

Built data exchange system to send and retrieve workers' comp case information with government agencies (http://www.dir.ca.gov/dwc/).

https://www.workcompcentral.com

7/2006 – 10/2006   dts - Digital Theatre Systems   Agoura Hills, California
Contractor for C++ programming and QA listening tests to assist in release of audio encoding product.

2/2005 – 6/2006   Guitar Center   Thousand Oaks, California
Contractor programmer for in-house LAMP catalog design program.

7/2000 – 3/2001   Alesis Studio Electronics   Santa Monica, California
C++ Programmer/Senior Technician

• Sole programmer for released Macintosh software "A6 Helper," a musical synthesizer settings manager with a drag-and-drop GUI with MIDI (serial) communication to the instrument.

• Designed off-line audio sample rate converter based on convolution engine (FIR) for data decimation and interpolation.

• Advised on product details, naming, and usage.

1991 – 2012   Freelance Sound Designer, C Developer   Los Angeles, California
Sound editor and sound mixer for over 200 films and television episodes. Partial credit list available on the industry web site The Internet Movie Database at: `https://www.imdb.com/name/nm0940183/`.

• Hired, trained, and managed assistants and other editors as needed.

• C/C++ developer the commercially released program called "Tracks!" which was used to create the editor's track sheets and developed post-production auto-conform software.

Publications

• Author "An Interview with Tom Holman" of Lucasfilm Ltd. design team leader of the THX Sound System for Speaker Builder Magazine, Petersborough, NH (4/90 & 5/90).

• Author "M-S Speaker System" (1988) on speaker design based on MS stereo mic'ing technique (1984) published 1/89 also for Speaker Builder Magazine.

Education

2006   CSUN, California State University   Northridge, California
Master of Science in Computer Science (MSCS).

• Thesis: `http://rawsound.com/thesis/ReidWoodburyThesis.pdf`

• Classes:

Database Design (SQL)	Algorithms, multiple classes
Graphic Systems (low-level algorithm design)	UNIX Programming
Parallel & Distributed Systems	Computer Architecture

Special Interests

Knowledge of text and music typesetting. Familiar with sound studio acoustics and architecture. Enjoys choir singing, piano and studied several other instruments. Enjoys swimming, road cycling, digital and film photography, and home fixit and improvement projects.