



Matthew Jimenez

Profile

Versatile programmer with experience in multiple projects in various languages searching for a software development position at product or service oriented company. Interested in interface design, software frameworks, and developer utilities. Capable of quickly learning new languages and frameworks. Dedicated to creating quality, well-tested software and enhancements to existing projects.

Experience

Lead Software Developer, HKS Medical Information Systems, Omaha, NE 2004-2009

Created a data conversion utility to import CSV files built to a specification into an OTTR database. This allowed HKS to move a new client's existing data into their new database quickly and with consistent results.

Wrote enhancements and fixes to the OTTR software over several versions. Worked on the HKS HL7 interface software extensively. Continued maintenance on the OTTR Web Portal created under previous contract. Designed many of the enhancement to the software with minimal requirements or outlining given by clients.

Administered the subversion source code repositories and automated build server. Managed the merging of bug fixes and features to multiple branches of the code base.

Often dealt directly with clients to resolve issues with their systems and to discuss enhancements to the software.

Software Developer, Development Contract with HKS, Omaha, NE 2003-2004

Two three-month development contracts with HKS Medical Information Systems with several student programmers to create a web-based application, written in Java, that worked with their existing databases.

Education

University of Nebraska at Omaha — Bachelor of Science in Computer Science, 2005

Relevant Courses

CSCI-4980 - TPS:Software Design & Implementation

Class worked as a team on a UNO Class Scheduler (Project X)

CSCI-2840 - Advanced C++ and Object-Oriented Programming

CSCI-1840 - "C" Programming Language

CSCI-4500 - Operating Systems

CSCI-2850 - Programming on the Internet

Skills

Highly proficient in C, C++ with STL, Objective-C, Java, Transact SQL (Microsoft), PL/SQL (Oracle), Make, Bash scripting, HTML, and CSS

Sufficient in Perl, Awk, Visual Basic classic, and PHP

Minor experience with Javascript, TCL, Python, and Latex

Experienced in web-based and native application development

Experienced in use of ActiveX controls in abnormal development environments

Knowledge of graphical interface design and event-driven input toolkits

Experienced in database-driven application design various communication APIs such as ODBC and JDBC

Capable of administration and use of Mac OS X, Linux, Windows, and Solaris environments

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