John Penney
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Objective:
I am looking to contribute to a development team employing engineering best practices to achieve fast time to market and high long term profitability. As a strong contributor to the team I will develop great software that captures and keeps the attention of the market while delivering high margins to the business.

Languages/Tools:
C, C++, SQL, Visual Basic, MySQL, C#, PHP, HTML, css, java, javascript, vbscript, scheme, windows cmd scripting, csh scripting, ksh scripting, squeak
SVN, Git, Tortoise, Visual Studio, Team Foundation Server, Apache, Linux shells
Linux API, Windows API, ODBC, sockets

Education:
University of Massachusetts Lowell, Lowell, MA
B.S. Computer Science, Summa Cum Laude

Employment History:

April 2016 – present
Company confidential
Software Engineer

Developed and supported high volume real time data transfer over socket interface using multi-threaded memory sharing and highly structured C++ classes with multiple levels of inheritance to process complex interrelated data streams and present the data to a java based web interface.

Twice, reviewing unspecified legacy code and working partially from a protocol specification, replaced existing procedural C parse engine with a hierarchy of C++ classes, transferring the parse function to the new classes. Incorporated these new classes into an existing data engine similar to that previously described.

Reverse-engineered and documented operations of legacy code. Introduced the group to unit testing with Google test. Used JIRA to document workflow, including requirements, features and releases. Built virtual machines on which to test and develop code.

July 2015 – January 2016
Identity Finder, Inc.
Level 2 Support Engineer – Contract

Provided level 2 support for Identity Finder products, including debugging issues involving C++, C#, WPF, Windows API, SQL Server, IIS, SSH. Used Visual Studio 2015 for multiprocess and debugging, tortoise for code management.

Worked with C++ developer and C# Web application developer to debug issues with back end database, client software and a website that was the front end to the database.

May 2014-Feb 2015
Summit Healthcare, Inc.
Software Engineer

Assisted in completion of major software implementation for ARRA money with tight deadlines resulting in 20% increase in revenue.

Created custom solutions for customers using Summit's suite of Healthcare products plus C#, Visual Basic, VBScript, SQL Server and other tools.

Worked directly with customers to integrate Summit Healthcare products into hospital workflows to provide solutions for critical healthcare needs.

Jul 2010-May 2014
Interbit Data, Inc.
Support Programmer

Designed, wrote, tested and delivered a long list of new functionality in a multi-threaded application providing post-processing and document routing for PCL documents received from Meditech HCIS systems using socket communications, windows services and the Windows API in C and C++. These systems are currently operating 24/365 as Windows Services running in over 100 hospitals around the USA and in Canada.

Developed and implemented best practices with Agile methods in a two-person development team with 5 product development stakeholders.

Provided all tier 2 and 3 support and break/fix development for the suite of Interbit document distribution and business continuity products.

Skills:
Agile Methods, Requirements Documents, Prototyping, UML, unit testing