

SOFTWARE ENGINEERING CO-OP

Summary

Highly skilled and Accomplished computer software specialist with more than 7+ years of technical experience in programming development across multiple platforms, software design, development and integration. Advanced knowledge of MySQL, CSS, C++ with expertise in all aspects of the software development life cycle, including requirements analysis, design, development and production support. Experienced Software Developer dedicated to constantly improving tools and infrastructure to maximize productivity, minimize system downtime and quickly respond to the changing needs of the business which does not exclude an intensive background in develop, testing, and debugging code, designing interfaces, and administrating systems and networks. Tenacious hard worker, self-directed and motivated, great leadership skills, able to work as a team, and adaptable to a quick changing technical environment.

Highlights

- MySQL, PostgreSQL, SQLite, NoSQL, LevelDB
- Programming Languages: C, C++, Perl, PHP, Python, Go, JavaScript, Bash, SQL, Visual Basic, .NET
- Other Languages: CSS, HTML, XML, Markdown, Regular expression, SASS
- Operating Systems: Linux, Unix
- Tools: Netbeans, Vim, Visual Studio, MS Visio, MS Access, Wordpress, Git, Google Analytics, Docker, Microsoft Office package
- Strengths include:
- Full life software life cycle development expert
- Programming and designing
- Software testing / Troubleshooting / Advance critical thinking
- Database & Object oriented development
- Website design & development & software engineering
- Object oriented development
- Work History
- Full Stack Engineer
- LogonTutor LLC - Cincinnati, OH
- Design and implement an ecommerce website (in PHP) using MVC and OOP
- Integrate 3rd party tools in PHP using XML API such as Authorized.net (for charging credit cards), an online whiteboard, and Paypal
- Create an admin page (in PHP) that tracks user's browsing history, incomplete registrations, user's clicks from custom links, and user's communication exchange
- Write command line scripts in Bash to automate system administration tasks such as database backup and website deployment
- Mar. 2012 - Present
- Project Manager
- Seeketh.org Senior Project - Cincinnati, OH
- Managed a team of students in the implementation of an information retrieval system (in PHP) that searched the bible using natural language processing

Experience

Software Engineering Co-op 03/2010 to 12/2010 Company Name City , State

- Wrote a Perl script that scanned a file directory tree and converted every file (proprietary file format) into an Excel compatible CSV format.
- Designed an algorithm in Visual Basic to identify and make changes to the bad sectors in the data.

Education

Bachelor of Science : Electrical Engineering Jun. 2013 University of Cincinnati City , State Electrical Engineering 3.1/4.0

Present Affiliations _____ *Treasurer, Young People Union City , State Member,

Emerging Ethnic Engineering Program

Certifications

Awarded by University of Cincinnati School of Electronic and Computing Systems the "Outstanding Senior Design Project Award" Sep. 2012 -

Jun. 2013 Component Engineering Co-op L3 Communications CE - Mason, OH Parsed and manipulated data relating to electrical components

Updated the company's intranet pages Mar. 2011 - Jun. 2011

Skills

.NET, API, automate, backup, Bash, C, C++, credit, critical thinking, CSS, Database, designing, ecommerce, Engineer, XML, Google Analytics, HTML, PHP, JavaScript, Linux, MS Access, Excel, exchange, Microsoft Office package, MVC, MySQL, natural language processing, NoSQL, Object oriented, OOP, Operating Systems, page, Perl, PostgreSQL, Programming, Python, scripts, script, software engineering, Software testing, SQL, system administration, Troubleshooting, Unix, Visio, Visual Basic, Visual Studio, Website design & development, website