

JACOB LANGSTON

e: jacob.langston@gmail.com

Software Developer

C++ | PHP | Python

Detail oriented programming with experience in cross platform solutions. Self motivated and strives to improve work environment. *Technical proficiencies include ...*

Environments	Linux, Unix (AIX, HP-UX, Solaris), Windows
Programming	C++, Expect, InstallShield, JavaScript, MS SQL, MySQL, PHP, PostgreSQL, Python, VBScript, Wise
Libraries	ATL, Boost, Codejock Property Grid, MFC, Skype API, Win32, WTL
Development	Agile Development (Scrum), Documentation, Object-oriented Design, Quality Assurance

Professional Experience

Team Lead/Software Developer, January 2009 – Present

Peer1/ServerBeach – San Antonio, Texas

- Managed five developers.
- Initiated brown bag lunches to encourage personal growth of those responsible for.

Software Developer, April 2008 – January 2009

Peer1/ServerBeach – San Antonio, Texas

- Responsible for maintaining, and enhancing, internal and customer facing websites.
- Generated reports utilizing Microsoft SQL 2005 Reporting Services.
- Set new standards for documentation.

Product Engineer, October 2007 – April 2008

Peer1/ServerBeach – San Antonio, Texas

- Responsible for monitoring server provisioning, diagnosing hardware and/or software installation issues that prevent successful completion of server installations in a timely manner.
- Added new products to back-end systems.
- Implemented virtual networks on Dell switches in production server environment.
- Developed a PHP website, utilizing the Zend Framework, to track the deployment and sales of single server firewalls.

Software Developer I, June 2006 – September 2007

Quest Software – Lindon, Utah

- Responsible for creating and maintaining installers for Vintela Authentication Services and supporting software.
- Designed and implemented code, using C++, to enforce native Windows security in products custom property pages.
- Implemented an option in products Unix Account Import Wizard to migrate existing Active Directory user and group objects to user and group personalities.

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- Worked with quality assurance and escalations to resolve critical and non-critical bugs.

Quality Control Analyst I, September 2005 – May 2006

Quest Software – Lindon, Utah

- Mentored software test engineers in developing Python scripts.
- Significantly contributed to rewriting and expanding entire automated library from Expect to Python and helped to architect a new system to increase automation efficiency, logging and reporting.
- Integrated test harness with a MySQL database to decrease overhead.
- Developed a PHP front end to manage test cases, execute automated test runs and generate reports.

Software Test Engineer, January 2005 – September 2005

Vintela/Quest Software – Lindon, Utah

- Tested Vintela Authentication Services in a heterogeneous network environment to validate for release.
- Maintained automation scripts as well automated new test cases. The increase of automated scripts dramatically decreased total test pass run time.

IT Computer Operator, December 2003 - April 2004 and July 2004 - January 2005

Teleperformance USA – Salt Lake City, Utah

- Developed a PHP application to quickly facilitate communication between international and domestic call centers with the Warroom which replaced an email based form which was inefficient.
- Diagnosed and helped to resolve issues with T1 spans which were critical for call center operation.
- Helped to resolve issues with call center workstations.

Education

Bachelor of Science in Philosophy, minor in History, 2006

Utah Valley University, Orem, Utah

Hobbies

Open My Gate, January 2009 – Present

Open My Gate is designed to open apartment complex gates without human interaction. The program is designed for gates that call and expect an individual to answer the phone and dial a button to allow access to the complex. Executable and code are available upon request.

- Answers phone automatically, dials configured button and terminates connection.
- For added security a pin entry system is being developed.