

Alexander Balderson

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Professional Profile

- Software Developer with four years of experience breaking down user issues, developing solutions to hard problems, and automating solutions for teammates and partners.
- Highly focused while working in fast paced, high-stress startup environments with frequent interruptions and changes.
- Work in positions requiring analysis, evaluation, and discussion determining use cases, stakeholders, and end goals; then drive to the solutions.

Work Experience

Linux Distribution Developer

Hewlett Packard Enterprise

April 2015 to June 2017

Fort Collins, CO

- Enabled teammates and internal partners by writing scripts, tools, and automation with Python and Bash tying Open Source and Debian tools together to generate customized Debian and CoreOS derivatives involving repositories, packages, images, and ISOs.
- Ensured quality of package content, build, and delivery by developing tests and integrating them into test frameworks. Leveraged Jenkins for job automation and build to ensure trackable and consistent quality. Tackled new use cases and requirements by extending existing tools.
- Architected enterprise lifecycle for Debian and CoreOS derivatives. Designed processes for tracking developer changes, ensured chain of custody, validated quality of content, and provided error email notification.
- Collected data on repository content and injected it into MongoDB for tracking and reporting. Generated reports for partners and teammates allowing for security tracking and proper change management.
- Led meetings to organize and prioritize work for four engineers. Served as a mentor and leader to teams of interns and high schoolers providing projects, deadlines, and successful completion.

Software Developer

Xerox Commercial Services

March 2014 to April 2015

Remote

- Replaced outdated VB.net automation with scripts written in Java to increase report delivery and run rates to 100%, speeding up runtimes, and freeing up teammates.
- Interfaced a FileMaker database with Java for automatic data loading from MS SQL server 2012 increasing upload speed by more than 800%. Wrote automatic custom email notifications with Java for events and hardware outages, which resulted in decreased event creation and update time, increased response time, and increased constancy.
- Wrote and maintained test cases for all code using JUnit. Managed the code base, attended to all reported problems, and performed required maintenance.
- Migrated static reports to a near real-time PHP-based reporting server after aligning with support teams to understand their day-today reporting needs. Created dashboards for the Service Delivery team allowing management to better plan for issues and making outages more visible to the client.

Workforce Team Lead

Xerox Commercial Services

October 2012 to March 2014

Greeley, CO

- Calculated all service level agreement metrics, prepared monthly billing statements, and generated ad hoc, daily, weekly, and monthly trends and events using Java, SQL, and FileMaker Pro. Forecasted call volume for financial planning, hiring new employees, overtime requirements, and scheduling. Updated and corrected old queries saving the company tens of thousands of dollars.
- Maintained a FileMaker Pro database with regular reporting and content updates as business needs changed. Documented and wrote user manuals for changes. Loaded data daily and verified that it was correct. Designed and managed databases in Microsoft Access to accurately track employee statistics, schedules, status, training, position and logins.
- Actively worked with a client daily to ensure all their needs were met. Prepared charts and data for quarterly business reviews with a client and participated in quarterly, monthly, and biweekly meetings with key knowledge and on the spot analysis.
- Checked and automated existing reports with VBA macros in Microsoft Excel to ensure constancy, accuracy and simplicity. Created new automated reports for daily division and site performance analysis and tracking.

Education

Colorado State University

Bachelor of Science and Bachelor of Arts

Majors: Mathematics (Actuarial Mathematics Concentration) and Economics

Passed actuarial exam P-1 and sat for exam FM-2

Fort Collins, CO

May 2012

GPA: 3.02