

Addam Hardy

Lead Software Engineer
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October 27, 2015
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Goal

Find a secure position in a small team environment passionate about innovation, communication and test driven development, that is focused on results and progress instead of process. Less a job and more a group of close friends that work well together and are driven to push each other past their limits.

Research and Technical Experience

Simply Measured, Inc

Lead Software Engineer

Seattle, WA

September 2015 - Current

- Leading user application architectural design and development on Simply Measured's Consumer Research Division (formally known as Datarank).

Datarank, Inc

Lead Developer, Web & Mobile

Fayetteville, AR

March 2014 - September 2015

- Leading architectural design and development on Datarank's web and mobile applications. Specializing in Ruby on Rails and EmberJS.
- Datarank was acquired by Simply Measured in September of 2015

RevUnit, LLC.

Lead Developer

Bentonville, AR

February 2013 - March 2014

- Leading engineering design and implementation for RevUnit's clients on a wide range of digital products. Focusing on iOS and Android mobile applications, Ruby on Rails web applications and Single Page Javascript applications using Backbone and Ember.js.

IdeaLoop, LLC.

Contract Developer

Dallas, TX; Pittsburgh, PA

October 2012 - February 2013

- Javascript developer for IdeaLoop clients. Primarily focused on enterprise level javascript applications.

MobileFWD, LLC.

Senior Developer

Fayetteville, AR

May 2012 - October 2012

- Developer on the Trivi.al and Piction.al iOS games as well as developed Ruby on Rails applications for back-end administration of the app for management and user monetization and engagement analytics.

SocialVolt, Inc.

User Interface/Ruby On Rails Developer

Overland Park, KS

November 2011 - May 2012

- Worked as the user interface developer and augment to the back-end team on a **Ruby on Rails** enterprise level social media management platform. Took color-comps from the designer and implemented them to spec using CSS3 and HTML5 with SASS and Javascript.

NORMES, University of Arkansas

Ruby On Rails Developer

Fayetteville, AR

February 2011 - November 2011

- Developed a Ruby on Rails testing application to be used by the Arkansas Department of Education for the collection and analysis of education metrics.

MissionFocus, LLC.

DCGS Cloud Software Engineer

Columbia, Maryland

November 2011 - May 2012

- Developed Map/Reduce algorithms to process and analyze HUMINT reports for U.S. Army data sources.
- Developed front-end javascript applications using ExtJS framework to enable easy access to the reports stored on the HADOOP file system.

- Contributed to the creation of APIs into previously unopened national technical databases to continue to push the collaboration and information sharing methodology. By doing so successfully collaborated with several national databases to expose their data through web-based APIs.
- Co-created, developed and designed all versions and phases of the current implementation of the Dark Mist Framework. An integrated, plugin-based web 2.0 framework capable of being applied to many missions and data-sets - This has saved hundreds of man-hours in analysis and has significantly decreased the initial training for new analysts. Working as a Senior Developer on the project developing new ideas and methods to implement.
- Developed a parser to database over 120,000 archived reports to enable statistics and text searching of all reports with instantly returned results; vastly increasing trend analysis potential of a high value target.
- Maintained the technical status and operation of several high priority databases used 24/7 for the execution of signals analysis in the Pacific. Optimized for maximum reliability and up-time for the customer.
- Identified weaknesses and potential improvements in workflows and analytical processes used by several missions and designed and developed software, processes, and technologies to greatly increase efficiency, decrease duplication of effort, enhance collaboration and directly impact the overall success of the mission.

Technical Skills

- **Programming:** Ruby, Ruby on Rails, Objective-C, Java, Perl, PHP, Javascript, Python, Ajax Frameworks, Object-Oriented design
 - Ultimately, I am a software engineer. Not only by trade but by personal interests and hobbies. I could list many different languages I have had experience with but the most important point is that I am personally driven to learn and research new things all the time. I know several languages and techniques and if I don't know it, I can probably learn it easily and quickly apply it to any task I am given.
- **Test/Behavior Driven Development:** Cucumber, Selenium, Capybara, RSpec, OCMock, GHUnit
- **Database Systems:** PostgreSQL, MySQL, Oracle, DB2, SQLite
- **Cloud Analytics/Storage:** Hadoop, Hbase, Cloudbase, Elastic Search

Military Experience

- **U.S. Army**
Cryptologic Linguist/Signals Intelligence Interceptor 2004-2011

Education

- **University of Arkansas** Fayetteville, AR
B.Sc Computer Science 2011 - 2015
- **Defense Language Institute** Monterey, CA
A.Arts Korean Language, Korean Basic Course 2004-2006
- **Goodfellow AFB** San Angelo, TX
Signals Intelligence Interceptor Course 2006

Language Ability

- **Korean**
DLPT certified professional fluency
- **French**
Functional fluency