Ashley J. Luhrs

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Skills

Languages: Primarily Ruby on Rails with some knowledge of Javascript and Python
Databases: Primarily MySQL with some knowledge of Redis and Cassandra

Work Experience

Software Engineer: We Heart It – San Francisco, CA (June 2014 – Present)
We Heart It is an image-based social network with over 30 million users of which 7 million are active monthly. The website and API are based on a Ruby on Rails, Sidekiq, MySQL, Redis, and Cassandra stack.

- Work with a small team of backend engineers to implement new features and squash bugs with strong test coverage using Rspec
- Merge and deploy code to our production environment and used by approximately 2 million daily active users
- Create json web hooks for 3rd pary APIs (such as Crowdflower and WiseIO) to communicate with our application
- Work closely with the mobile teams when extending or creating new API endpoints
- Update the API documentation using Jekyll
- Fix frontend/javascript bugs on the website
- Implemented multiple internal tools used by the company such as:
    - Moderating spam, data pulls for marketing initiatives, ip blocking
- Dev-ops secondary on-call for the entire site. Responsibilities include:
    - Reboot servers when there are outages
    - Handle data store failovers, such as MySQL and Redis
    - Restart services, such as Redis and Sidekiq

Software Engineering Fellow: Hackbright Academy – San Francisco, CA (February 2014 – May 2014)
Hackbright is a 10-Week Accelerated Software Engineering Program focused on Python.

- Developed a webapp utilizing the k-means clustering algorithm by scraping and parsing data from a crowdsourced website to determine optimal locations for new Bay Area Bike Share stations. The webapp can also take into account criteria such as elevation and proximity to grocery stores, transit lines, and other points of interest. *Python*
    - Code and full project details: https://github.com/aluhrs/Optimal_Bike_Share_Locations
    - Link: http://optimalbikeshare.herokuapp.com/
- Created a Twitter bot that generates Valentine's Day tweets based on popular Valentine's sayings by building a Markov chain generator during a pair-programming project. *Python*
    - Link: https://twitter.com/candyheartbot

Product Support Specialist, Tier 3: Cobalt – Arlington, VA (May 2012 – February 2014)

- Provided Tier 3 support for a heavily customized Microsoft Dynamics CRM product for Cobalt's largest customer utilizing the Zendesk ticketing system
- Utilized SQL to migrate customer's data from their legacy system to the MSSQL database required for the product
- Led agile stand-up meetings and worked closely with developers on escalated tickets

- Ran command line tools and performance monitoring on production servers
- Rebuilt and rewrote the user manual for Cobalt's largest customer
- Tested new features for the product's quarterly releases

Document Control Analyst: Mitsubishi Nuclear Energy Systems – Arlington, VA (July 2011 – May 2012)

- Utilized an electronic document and record management system (EDRMS) to upload deliverables in the database
- Created transmittals for any deliverables that need to be sent to outside clients
- Validated several thousand quality assurance records
- Promoted to Document Control Analyst from Clerk after 3 months of employment

Corporate Legal Intern: **Rosetta Stone** - Arlington, VA (December 2010 – July 2011)

- Created an MS Access database to manage infringer information and payments after seeing a need for a more effective way to log and house infringement collections
- Worked closely with the Digital Asset Administrator to upload, link, and tag required licenses to video and audio files in the company's asset database

Education

- James Madison University, Harrisonburg, VA. Graduated Cum Laude in May 2010 with a Bachelor of Science Degree in Integrated Science & Technology with a major in Psychology. Graduated with Honors. G.P.A. – 3.60.

- Plumstead Christian School, Plumsteadville, PA. Received an Advanced Studies Diploma in June 2006.

Community

- Hackbright Alumna Board Member, Elected Class Representative

- San Francisco SPCA Animal Foster & Socializer Volunteer