

Sarah Boka

Software Engineer

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Technical Skills

- Java
- Python
- JSP & JSTL
- JavaScript & jQuery
- Spring MVC
- Spring Security
- HTML/CSS/Bootstrap
- Servlet API
- Test-Driven Development
- N-tier Architecture
- OOP
- AOP
- Debugging Techniques
- Exception Handling
- Unit Testing
- Iterative Development
- MySQL
- SQL Query Writing
- Spring JDBC
- Hibernate
- Ajax
- REST
- JSON
- Git

Projects

Blog Website

- Dynamic blog website with security features allowing users to view posts while admin can login to create posts/pages. Includes separate functionality for admin depending on login credentials.
- Built using Spring Core, Security, MVC, JDBC with MySQL, TinyMCE, Ajax, JSTL, jQuery, JS, JSON, Hibernate, REST, and Git.
- Designed with Bootstrap, HTML/CSS.

Vending Machine Web Application

- CRUD Interactive Web Application that reads and writes items to and from Database.
- Allows user to enter money, choose an item, and receive change.
- MVC Functionality using Spring, Ajax, JSON, jQuery, JSTL, JDBC Template, and MySQL.
- Designed with Bootstrap, HTML/CSS to mimic a vending machine.

Professional Experience

The Software Guild - Louisville, KY

2016

Java Apprentice

- The Software Guild is an intensive, fast-paced apprenticeship program that produces full stack Java Developers.
- More than 850 hours of hands-on developing experience.
- Mentored and instructed by industry professionals with 10+ years' experience.
- Paired programming, individual programming, and group projects.
- Made multiple business applications & websites that enabled clients to add, remove, edit, view & search objects from files or database, readily implementing additional features.
- Applied technologies including Spring Core, Security, JDBC, MySQL, Ajax, REST, and more.
- Used concepts including MVC, OOP, AOP, TDD, Iterative Development, and more.

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Fieldwork San Francisco - San Francisco, CA

April 2011 – August 2014

Head of Client Services & Facilities

- Managed client services staff and logistics at San Francisco's high energy, major market research facility.
- Created and implemented innovative systems to improve operations and efficiency.
- Lead point of contact of San Francisco company branch.
- Delegated tasks to ensure the success of simultaneous projects, determined qualifying factors for projects, met quotas, scheduled appointments, and documented data.
- Planned and conducted staff meetings introducing improved strategies and removing outdated practices.
- Gained years of experience in management and leadership.
- Oversaw daily accounting.
- Regularly updated branch databases.

STAND: Student Anti-Genocide Coalition - Reno, NV

Sept. 2008 – Sept. 2010

President

- Oversaw the logistics of the University of Nevada, Reno chapter of the Genocide Intervention Network, student division, with a focus on the Sudanese Genocide.
- Organized large fundraising campaigns including "Rock for Peace," which raised \$1000 to be donated to alleviate suffering of Sudanese refugees. Obtained proper permits which included University approval & general liability permits, food permits, access to bathrooms, etc. Marketed to student body & members of the community via flyers, community/campus speeches, including creating a web page. Rented generators, portable toilets, recruited bands, catering, and recruited volunteers.
- Awareness outreach campaigns included information booths at every campus fair with various data sheets, one-pagers, pamphlets, emailing lists, etc.
- Letter writing campaigns whereby we made writing letters to Senators fun.

Education

The Software Guild - Louisville, KY
Java Apprenticeship Program

December 2016

University of Nevada, Reno
BA in Anthropology
Minor in Communications

December 2010