Sarah Boka

Software Developer

boka.sarah@gmail.com | linkedin.com/in/sarah-boka | github.com/sarahboka

Technical Skills

Server Side Technologies: Java EE, Spring, Python, Django, REST
Data Tier Technologies: MySQL, PostgreSQL, Spring JDBC
Client Side Technologies: AngularJS, jQuery, JavaScript, CSS, HTML, Bootstrap, AJAX
Language Fundamentals: Object-Oriented Programming, Test-Driven Development, Debugging Techniques, Agile Methodology Principles, Version Control(Git)

Projects

Personal Website: http://www.sarahboka.com
Debate Web App: http://deftdebate.us-east-1.elasticbeanstalk.com
- Java web app that allows users to debate and vote. Users can search debates by category, resolution, status, date, or username. Moderators have full admin control over debates and users. Functionality is locked using Spring security, Hibernate, and BCrypt.
- Built using Test-Driven Development, REST, Spring, MVC, MySQL, Ajax, Javascript, jQuery, Bootstrap, and HTML/CSS. Deployed on AWS.

Matching Professionals Web App:
- Django website that matches tech professionals to collaborate on projects based on their location and skills. Users are matched upon project creation and can send collaboration requests to matches.
- Built using Python, Django, Class-Based Views, Postgres, and Taggit, with Apache.
- Designed with Bootstrap, HTML/CSS, JavaScript, and jQuery.

Professional Experience

Code for Philly - Philadelphia, PA   June 2017 - Present
Contributor
- Uses tech and data as a mode for civic engagement to improve the Philadelphia community.
- Contributor on Anti-Gerrymandering app that maps Philadelphia Congressional Districts, displays Representative election results, and calculates district compactness.

The Software Guild - Louisville, KY   August - December 2016
Java Apprentice
- The Software Guild is an intensive, fast-paced apprenticeship program.
- More than 850 hours of hands-on developing experience, often coding for up to 12+ hours a day.
- Mentored and instructed by industry professionals with 10+ years' experience.
- Paired programming, individual programming, and group projects with Agile methodologies.
- Made multiple console & full stack web applications that enabled users 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.

Big Brother Mouse - Luang Prabang, Laos   December 2014 – January 2015
English Tutor
- Big Brother Mouse focuses on publishing books that improve literacy and quality of life; and on making those books accessible, particularly in rural Lao villages.
- Worked with Laotian community members to help improve their verbal and written English language literacy skills and improve their future economic prospects.

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 facility branch.
- Delegated tasks to ensure the success of simultaneous projects, determined qualifying factors for projects, met quotas, 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.

Education

The Software Guild - Louisville, KY   August - December 2016
Java Apprenticeship Program

University of Nevada, Reno   December 2010
BA in Anthropology
Minor in Communications