

## Contact

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## Top Skills

JavaScript  
SQL  
Python

## Certifications

Engineer in Training  
Front End Developer Blueprint

# Samara Jackson

Student at Coding Dojo!  
San Jose, California

## Summary

Creating Proof of Concepts for pre-sales demos. Working as the technical support for the sales and pre-sales teams.

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## Experience

### Ivalua

Technical Solution Consultant  
January 2018 - October 2019 (1 year 10 months)  
Redwood City

Mainly focused on assisting the solution consultant team with Proof of Concepts, using a combination of SQL and configuration using a platform. I work with the software development team by requesting new enhancements based on industry trends, and submit tickets for bug fixes.

Other tasks include managing the AddOn store and adding content. Addons are fully completed concepts that show customers what types of functionalities can be added to the application very easily. This requires a full understanding of the technical limits of configurability in the application, as well as staying up to date on the application changes to ensure the continued compatibility of design.

### Locus Technologies

Product Engineer, Software  
January 2016 - January 2018 (2 years 1 month)  
Mountain View, CA

Worked on front-end configuration for environmental web applications, ensuring that they meet customer specifications. Used a platform to configure applications. Coded calculations and actions using JavaScript and used SQL/HQL for queries for dashboards and reports. Created and designed reports using Jaspersoft Studio. Recommended enhancements to the Software Development team. Organized QA testing for every new release, and reported bugs and concerns as necessary. Assisted my coworkers with troubleshooting problems, APIs, and documentation.

Trained the Helpdesk Customer Support Team, and updated the internal wiki with notes and directions. Working as Tier 2 support and will take over helpdesk cases as necessary. Investigating cases, and either resolving them or escalating them to the software team.

Projects include:

- Technical lead on financial planning and forecasting application for remediation projects
- Technical lead on a Waste Management application
- Technical Lead on a railroad incidents management application
- Technical Lead on creating a training program and documentation of the platform
- Technical Lead on a Health and Safety incidents tracking application
- Support on a Greenhouse Gas Emissions Tracking application

## Genentech

### EH&S Specialist

July 2015 - January 2016 (7 months)

South San Francisco

Managed the Driver Safety, Machine Guarding, and Hot Work programs. This included reviewing, editing, and auditing current plans and procedures to ensure effectivity. Pushed to create a database for Genentech's on campus machinery, making it easier to review current machine guards and to help plan and carry out equipment inspections.

Also worked as the EH&S Customer Relations Manager for the Commercial group. Trained new hires on EH&S policies monthly.

## ERM: Environmental Resources Management

### Staff Engineer, Consultant 1

September 2014 - July 2015 (11 months)

San Jose, CA

Managed 4 projects, including delegating tasks and budget tracking. Gave status updates and presentations to customers.

Other tasks included:

- Worked with companies to complete CERS submittals, HMBPs, and emergency response plans
- Audited companies for permit compliance, waste management, and confined space entry

procedures

- Carried out noise sampling, and wrote the associated reports
- Contributed to the CEQA report for Google Fiber construction, mainly on noise impacts of construction

Customers included: Google, EMC, Rambus, Gilead Sciences, City of San Jose, Genentech, and BioMarin.

### Gilead Sciences

Safety Coordinator and GIS Mapping Analyst

June 2014 - September 2014 (4 months)

Foster City, CA

Created emergency response maps using ArcMap, and audited completed maps. Inspected onsite construction for compliance and safety. Updated the emergency response plan and incident command procedures to be more effective. Created an emergency response team and ran evacuation drills.

### Amazon Lab126

Environmental Health and Safety Coordinator

March 2014 - June 2014 (4 months)

Sunnyvale, CA

Updated and managed the ergonomics and hazardous waste programs. Created and maintained the EH&S intranet page and an SDS submission form with an intranet database.

Updated and developed plans and training programs for compressed gas and cryogen usage, hand soldering, power tool safety, hazard communication, advanced chemical safety, radiation safety, and laser safety. Created a training program on how to properly complete OSHA300 logs and recorded incidents. Responded to onsite chemical and medical incidents.

### Gilead Sciences

Safety Assistant

August 2013 - March 2014 (8 months)

Foster City, CA

Updated the construction safety plan and emergency response plan. Assisted with business continuity and disaster preparedness planning. Performed Job Hazard Assessments for facilities workers. Redesigned the volunteer program for evacuation response and trained individuals. Designed a digital safety

equipment inspection program, moving a system that used to be on paper to checklists on tablets. Created and audited emergency exit maps.

## NOAA

### Data Analysis Intern

June 2012 - August 2012 (3 months)

Woods Hole, MA

Carried out data analysis and statistics for an experiment comparing two different temperature and depth meters for use on fishing nets for population surveys. Supervised by Dr. Paula Frantantoni at the North East Fisheries Science Center.

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## Education

### Coding Dojo

· (2019 - 2020)

### California Polytechnic State University-San Luis Obispo

BS, Environmental Engineering · (2009 - 2013)