Katherine Lazo

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Result-driven Computer Science graduate with expertise in information security and data analysis. Skilled in various programming languages, frameworks, and data analytics tools. With over 5 years if experience in data analytics, I demonstrate strong leadership and communication skills.

Experience

System Data Analyst, *The Reformation*   Apr 2024 - Present
- Established and maintained a robust Global Quality Management System, which included the global quality manual, defect manual, training materials, and standard operating procedures (SOPs).
- Improved the quality inspection process by reducing redundant work through the implementation of a new inspection system using Google Scripts and AppSheet. Automated the process by sending automatic email updates and notifications to all stakeholders and managers.
- Trained all inspectors and provided support on utilizing new technologies and the newly implemented inspection system.
- Created trends and dashboards using SQL queries to pull data from Google BigQuery.

Information Security Analyst - Risk and compliance, *Cal State Long Beach*   Dec 2023 - Apr 2024
- Maintain and update a comprehensive database of server information, ensuring accuracy and completeness to support effective risk assessment and mitigation strategies.
- Assisting in closing information security tickets by conducting third party risk evaluations, categorizing risks according to severity and impact, and recommending appropriate compliance measures to mitigate potential vulnerabilities..

Information Security Student Assistant, *Cal State Long Beach*   Aug 2023 - Dec 2023
- Implemented rigorous security protocols within TeamDynamix, reviewed SOC2, HECVAT, and HIPAA requirements; successfully aligned application with security compliance standards, minimizing vulnerabilities and reinforcing data protection across the organization.
- Developed windows scripts to automate key processes, enhancing operational efficiency and productivity.
- Deployed phishing campaigns with Windows Defender and created result-focused dashboards for enhanced cybersecurity insights.

Data Analyst Consultant, *Propper International*   May 2017 - Sept 2021
- Played a pivotal role in knowledge transfer by providing training to incoming data analysts on the effective utilization of the quality reporting system, enhancing their proficiency in data analysis and reporting
- Engineered comprehensive reports dashboards that played a key role in reducing the company's defect percentage, optimizing production quality, and facilitating informed decision-making.

Lead Quality Analyst, *Reformation*   Oct 2016 - May 2017
- In my previous role as lead of the quality department, I assumed leadership responsibility by offering crucial support and guidance to our entire team.
- Contributed and implemented a robust quality reporting system, leveraging weekly and monthly dashboards to drive a reduction in production defects and enhance overall product quality within the organization..

Education

3.4/4.0	**B.S. in Computer Science**, *Cal State Long Beach* | Long Beach, CA	2021-23
3.7/4	**A.S. in Computer Science**, *Cerritos College* | Norwalk, CA	2018-21

Associations: Phi Theta Kappa Honor Society

Projects

Web Application
Fitness Social App
- Collaborated on the development of a Fitness Web App during my senior project at California State University, Long Beach. This dynamic application, crafted on Node.js, Angular, Bootstrap, and Chart.js, offers users a comprehensive platform for recording fitness activities, monitoring caloric intake, and engaging in goal-oriented chats with like-minded individuals. As a key team member, I focused on the implementation of a live- chat feature front end and back end using sendbird API's. Employed Agile methodologies, utilizing Jira for Scrum planning and conducting regular standup meetings, showcasing effective communication skills.
- HTML/CSS, Bootstrap, Angular Material, MongoDb, NodeJs, Sendbird API, ChartJs.

Mobile Application
Brother Construction
- With a group of 5, we Collaborated to create a mobile web application for a construction company to track their expenses and to get the time-sheets from each employee by allowing the employees to clock in and clock out.
- HTML/CSS, Bootstrap, Firebase, React Native.

Skills

Programming Languages	Python, C/C++, C#, Java, Git, HTML/CSS, JavaScript, TypeScript, SQL
Frameworks and Libraries	NodeJs, Angular Material, Socket.io, Bootstrap
Data Analytics	SQL, Excel, Python, R, Tableau
Others	Google Workspace, ERP, PLM systems, Appsheets, Windows/Linux, Qualys, Qualtrics, Agile Methodologies, Microsc Defender, Windows workgroups Domains, Active Directory, Group Policy Management
Languages	English - Professional || Spanish