

Katherine Lazo

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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

Courses: Software Development | User Interface Experience | Algorithms | Artificial Intelligence | Data Visualization

Experience

Cal State Long Beach, Information Security SA

Aug 2023 - Present

- 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.
- Acquired the skills to proficiently create **virtual machines** using **VMware**, effectively configuring **workstations** and implementing relevant **group policies**.
- 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.

Propper International, Data Analyst Consultant

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.

Reformation, Lead Quality Analyst

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.
- Monitored and performed quality inspection for our **inhouse and outhouse production**.
- 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..

American Apparel, Quality Data Analyst

Feb 2012 - Oct 2016

- Established maintained a robust **Global Quality Management System**, which included the global quality manual, defect manual, training materials, and standard operating procedures (**SOPs**).
- Designed a comprehensive **dashboards** quality report system of the entire production process, (knitting, dyeing, cutting, sewing, and packing) by ensuring consistent high-quality standards across all stages.

Projects

Web Application

Fitness Social App

- Currently working with my senior project group in a fitness web application to help people find gym mates and trainers to achieve their fitness goals.
- HTML/CSS, Bootstrap, Angular Material, MongoDB, NodeJs, Sendbird API, ChartJs.

Brother Construction

Mobile Application

- 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.

MySQL / SQL

Database

- Develop a moderate-scale computer application using a relational database as a persistent storage service.

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 Windows/Linux, Qualys, Qualtrics, Agile Methodologies, Microsoft 365 Defender, Windows workgroups
Domains, Active Directory, Group Policy Management

Languages English - Professional proficiency || Spanish - Native Proficiency