

Shayna Gaulden

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Education

MS in Data Science,

San Jose State University | San Jose, CA

Aug 2021 - June 2023

BS in Applied Mathematics with a focus on Statistics,

San Jose State University | San Jose, CA

Aug 2019 - June 2021

AS and AS-T in Mathematics with high honors,

Foothill College | Los Altos Hills, CA

June 2016 - June 2019

Technical Skills

Analytical: Data Visualization, Dimension Reduction, Regression Analysis, K-means Clustering, Markov Decision, Naïve Bayesian Classifier, Probability Theory

Computer: Excel, Microsoft Office, Python, R, Java, HTML, SQL, MATLAB

Work Experience

Flex Interconnect Technologies | Milpitas, CA

Feb 2020 – April 2021

Solution Provider

- Consulted with industry professionals to research best designs for experiments I designed and carried out on the manufacturing floor.
- Recorded results and analyzed data in R from experiments to draw conclusions and offer insight to the company which resulted in 4 major customers staying with our company.

Menlo Security | Palo Alto, CA

Aug 2017 – Aug 2019

Manual Quality Assurance Tester

- Tested front-end of new analytics feature from start to launch reporting just under 200 major and minor issues.
 - Cooperated with developers one-on-one and in team settings to resolve over 500 bugs.
 - Gave presentations to coworkers to train them on new product features.
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Academic Experience

Evolution of Social Networks in Space and Time

Research project sponsored by NSF PUMP program. Formed mathematical equations and made assumptions to simulate a birth and death process. Created a Python program for hypothesized assumptions and formulas to see visually what types of population graphs would emerge and how these graphs would evolve through many iterations of birth and death processes.