Katrina Ying

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EDUCATION

Santa Clara University, Leavey School of Business   Santa Clara, CA
 Master of Science, Information Systems   May 2025
- Relevant Coursework: Object Oriented Analysis and Programming, Global Supply Chain Management

Santa Clara University, College of Arts and Sciences   Santa Clara, CA
Bachelor of Science, Psychology, Minor in Management Information Systems   June 2022
- Relevant Coursework: Data Science with Python, Applied Machine Learning, Systems Analysis & Design, Web Programming, Management of Organizations, Statistics and Methods Practicum
- Psi Chi (The International Honor Society in Psychology), Member, 2021; Sigma Xi (The Scientific Research Honor Society), Member, 2022

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, Java, HTML, CSS
Analytical Skills: Data Collection, Data Cleaning, Data Visualization, Statistical Analysis, Market Research
Tools: IBM SPSS Statistics, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA, Excel, GSuite
Certifications: Google Data Analytics - Coursera Certificate (2023)

EXPERIENCE

Sequent Software   Santa Clara, CA
Research Analyst   June 2022 - December 2022
- Collected competitor data on security solutions such as tokenization and created presentations to track healthcare compliance rules such as HIPAA and GDPR
- Updated SWOT analysis charts with an emphasis on increasing data privacy and security in healthcare
- Learned about ransomware attacks and cybersecurity solutions through webinars

Margik, Inc.   Charlotte, NC
Market Research Intern   June 2021 - September 2021
- Collected and analyzed OLED market growth in China and compiled report for analyses by the CEO

PROJECTS

Human Computer Interaction Lab at Santa Clara University   Santa Clara, CA
Research Assistant   June 2023 - Present
- Investigated current methods for conducting systematic app reviews a member of the Systematic Mobile Application Review (SMAR) team
- Developed a Python web scraper with fellow lab members to extract metadata from academic research papers
- Collaborated on an ongoing literature review paper and a guidelines document
- Provided crucial feedback to improve the design and functionality of the SMAR tool

Language Learning Lab at Santa Clara University   Santa Clara, CA
Psychology Research Assistant   January 2020 - June 2022
- Co-authored and published two papers in the peer-reviewed journal *Frontiers in Psychology*: 1) The challenge of screen mediated shared reading for children's learning and engagement (2023) and 2) I feel less blue when I read with you: The effect of reading aloud with a child on adult readers' affect (2021)
- Utilized statistical software tools, including SPSS, JASP, Excel, and R, to analyze and clean large datasets
- Managed participant recruitment, conducted experiment sessions, and ensured follow-ups to foster effective communication with participants

ADDITIONAL INFORMATION

Recognition: President's Volunteer Service Award (2018); Girl Scouts Silver Award (2013)