

# Katrina Ying

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## EDUCATION

### Santa Clara University, Leavey School of Business Master of Science, Information Systems

Santa Clara, CA  
June 2025

- Relevant Coursework: Object Oriented Analysis and Programming, Natural Language Programming, Database Management Systems, Information Systems Analysis and Design, Software Project Management

### Santa Clara University, College of Arts and Sciences Bachelor of Science, Psychology, Minor in Management Information Systems

Santa Clara, CA  
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 Cleaning, Data Visualization, Process Automation, Statistical Analysis, Market Research

**Tools:** Power Automate, Power Apps, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA, Excel, GSuite, SPSS Statistics

**Certifications:** Google Data Analytics - Coursera Certificate (2023)

## EXPERIENCE

### Cotiviti, Inc.

Remote

Content Innovation and Technology Intern

June 2024 - September 2024

- Developed an app using Power Automate and Power Apps to retrieve and summarize content from multiple websites with GPT-4, improving research efficiency
- Designed Power Automate flows with complex logic to enable smooth integration and automate key app functionalities
- Documented team projects that utilized Power Automate and Power Apps to ensure continuity and knowledge transfer for future team members

### Sequent Software

Santa Clara, CA

Research Analyst

June 2022 - December 2022

- Collected competitor data on security solutions such as tokenization and tracked healthcare compliance rules such as HIPAA and GDPR
- Updated SWOT analysis charts, focusing on enhancing data privacy and security within healthcare
- Attended webinars to deepen knowledge of ransomware attacks and cybersecurity solutions

### 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

- Collaborated with lab members to develop a Python web scraper for extracting metadata from academic papers
- Co-authoring an ongoing literature review on existing Systematic Mobile App Review (SMAR) studies
- Conducted interviews with experts to enhance 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*
- Used statistical tools such as SPSS, JASP, Excel, and R to analyze and clean large datasets
- Managed participant recruitment and facilitated experiment sessions

## ADDITIONAL INFORMATION

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