Leiana Mendoza

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EDUCATION

Saint Louis University
2024 - PRESENT

Bachelors of Science, Computer Science Major, Business Administration Minor

CERTIFICATES
Saint Louis University (09/2025)
ITAR Training
IBM (09/2025)
Introduction of Cloud

AREAS OF INTEREST

- Software Development: Java, C++, Python
- Data Management: C++, SQL
- Statistics: R
- Machine Learning
- Cybersecurity

WORK EXPERIENCE

Oakton College
June 2025 - Aug 2025

Teacher Assistant - STEAM Summer Camp

- Taught students how to program in Python, introducing core coding concepts.
- Guided students in building and customizing basic HTML/CSS web pages.
- Troubleshot coding, helping students debug and strengthen logic skills.
- Adapted technical explanations to varying skill levels, improving comprehension.

Saint Louis University
Jan 2025 - PRESENT

Math Tutor

- Tutored students in mathematics from basic algebra through Calculus III.
- Supported problem-solving, reinforcing logical and analytical skills.
- Clarified complex concepts through tailored explanations and practice.
- Adapted instructions to diverse learning styles, improving comprehension and confidence.

ORGANIZATIONS

General Member
Jan 2025 - PRESENT

Rocket Propulsion Laboratory | Saint Louis University

- Developed and maintained C++ software for avionics system testing and data analysis.
- Debugged and optimized code to improve experimental data processing.
- Collaborated with engineers to design computational solutions for avionics integration.
- Automated workflows with C++, reducing manual efforts and errors.

Executive Board Member
Mar 2025 - PRESENT

Asian American Association | Saint Louis University

- Researched and shared Asian history, influence, and current issues to promote awareness.
- Organized events and discussions highlighting Asian American identity and advocacy.
- Collaborated with board members on initiatives for cultural representation.
- Created educational materials and content to engage the general body members.