

Mark Solis

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Texas A&M University – San Antonio
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EDUCATION

Master of Science in Computer Science

Texas A&M University – San Antonio

Jan. 2025 – Aug. 2026

Advisor: Dr. Young Lee

Bachelor of Science in Computer Science

The University of Texas at San Antonio

Aug. 2020 – Aug. 2024

TEACHING EXPERIENCE

Adjunct Faculty in Computer Science

Texas A&M University – San Antonio

Aug. 2026 – Present

- CSCI 1437 – Programming Fundamentals II + Lab (Python)
- CSCI 1437 – Programming Fundamentals II + Lab (Java)
- CSCI 4101 – Ethical Issues in Computing

Teaching Assistant

Texas A&M University – San Antonio

Aug. 2025 – May 2026

- CSCI 1436 – Programming Fundamentals I Lab
- CSCI 1437 – Programming Fundamentals II Lab
- CSCI 2236 – Data Structures + Lab
- CSCI 2332 – Discrete Structures for Computing
- CSCI 2353 – Web Applications Programming
- CSCI 3366 – Programming Languages
- CSCI 4316 – Software Engineering I
- CSEC 4323 – Computer Forensics

PUBLICATIONS

Advancing Intermediate Representation-Driven Graph Analysis for Detecting Concurrent Memory Vulnerabilities

Committee Members: Young Lee, Jeong Yang, Izzat Alsmadi

M.S. Thesis

LVing: A Vulnerability Detection and Visualization Platform for Rust

Ernesto Diaz, Mark Solis, Young Lee, Jeong Yang, Deep Gandhi

ICSE 2026

A Graph-Based Visualization Tool for Teaching Rust Memory Safety

Mark Solis, Young Lee

LEARNER 2026

RESEARCH AREAS

- Computing Education
- Program Analysis
- Concurrent Systems
- Programming Languages