STEPHANIE NAWAS

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EDUCATION

Santa Clara University
B.S., Computer Science; B.S., Mathematics — *magna cum laude, 2020*
M.S., Computer Engineering — *2021*
University of California, Davis
Ph.D., Computer Science — *expected 2027*

EXPERIENCE

Graduate Student Researcher, University of California, Davis — *2021 - present*
Topic: Provable Repair of Deep Neural Networks
De Novo Research Fellow, Santa Clara University — *2020*
Topic: Sparse Suffix Tree Algorithms and Optimizations in C++
Software Engineering Intern, NetApp — *2019*

AWARDS AND HONORS

Aspirations in Computing Collegiate Award Honorable Mention, NCWIT — *2025*
George W. Evans II Research Memorial Prize, Santa Clara University — *2021*
GRFP Honorable Mention, National Science Foundation — *2021*
Audre Lorde Social Justice Prize, Santa Clara University — *2020*
Mary Gordon Essay Prize, Santa Clara University — *2020*

PEER-REVIEWED PUBLICATIONS

1. **Nawas, Stephanie** and Tao, Zhe and Thakur, Aditya V. (2024). Provable Repair of Vision Transformers. *The 7th International Symposium on AI Verification* (SAIV).
2. Tao, Zhe and **Nawas, Stephanie** and Mitchell, Jacqueline and Thakur, Aditya V. (2023). Architecture-Preserving Provable Repair of Deep Neural Networks. *Proc. ACM Program. Lang.* **7**(PLDI).

TEACHING

Teaching Assistant, ECS32A Introduction to Programming
University of California, Davis. Fall 2025.
Teaching Assistant, ECS140A Programming Languages
University of California, Davis. Winter 2025, Winter 2024, Fall 2022, Winter 2022.
Peer Educator, MATH51 Discrete Mathematics
Santa Clara University. Spring 2019.

SERVICE

President, Graduate Scholars of Color+ — *2021 - present*
Hiring Committee Chair, Graduate Academic Achievement and Advocacy Program — *2025*
Tutorial Presenter, Programming Languages Design and Implementation (PLDI) conference — *2024*
Panelist, Bakersfield College MESA program — *2023*
Mentor, Talaria Summer Research Institute — *2022*
Co-Chair, Asian Pacific-Islander Student Union — *2018 - 2021*
Mathematics Department Representative, STEM Student Advisory Committee — *2018 - 2020*