NANDHINI SWAMINATHAN

Education

University of California, San Diego — Fall 2025-
Ph.D. student in HDSI
Advisor: David Danks

University of California, San Diego — Fall 2022-Spring 2024
Master's in Computer Science
Advisor: David Danks

National Institute of Technology, Trichy, India — Fall 2017-Spring 2021
Bachelor in Instrumentation and Control Engineering with
a Minor in Computer Science

Selected Publications

[Google Scholar](#)

Governing ethical gaps in distributed AI development.
Nandhini Swaminathan, David Danks, Digital Society, 3(1), 7.
AI, pluralism, and (social) compensation.
Nandhini Swaminathan, David Danks, Pluralistic Alignment Workshop at NeurIPS.
Application of the NIST AI Risk Management Framework to surveillance technology.
Nandhini Swaminathan, David Danks, arXiv preprint.
Transfer: Deep inductive network for facial emotion recognition.
Arpita Gupta, Nandhini Swaminathan, Ramadoss Balakrishnan, Journal of Mechanics of Continua and Mathematical Sciences, 15(7), 352.

Scholarships & Awards

Lesbians Who Tech Summit Scholarship 2024
Runner-up, Infinity Hackathon, May 2022
Harvard Project for Asian and International Relations Delegate 2021
MLH Fellow, June - August 2021

Selected Experience

IoT Engineer at Cognizant August 2021- September 2022
- Helped with data conversion for global SAP ERP deployment.
- Defined data transformation rules, reports, and documentation
- Tracked and troubleshot data loads and validation during cutover to SAP
- Collaborated with cross-functional teams to resolve complex data
  integration challenges

Professional Services

Executive Committee Member, ACM US Technology Policy Committee (USTPC)
Committee Member, UCSD Chancellor's Advisory Committee on the Status of Women (CSW)
Student Volunteer and Teacher for Illuminate (NGO)

Programming Skills

Python, R, C++, C#, Latex, GitHub, Notion

References Available upon request.