

Saranya Vijayakumar

Education

Carnegie Mellon University

Ph.D., Computer Science

Advised by Professors Christos Faloutsos & Matt Fredrikson

PITTSBURGH, PENNSYLVANIA

Expected graduation 2026

Harvard University

A.B., Joint Concentration in Computer Science & Government

CAMBRIDGE, MASSACHUSETTS

2018

Museum Leadership and Experience

Docent, Carnegie Museum of Art

PITTSBURGH, 2023 – PRESENT

- Completed an 18-week art history series, writing assignments, and mentoring sessions.
- Attend learning sessions and give tours weekly.
- Appointed Member of Steering Committee (2025-2026); Tech Committee member

Committee Member, American Folk Art Museum

NEW YORK, 2020 – 2022

- Engaged with board members to increase the diversity of the board, and help fundraise for the museum.
- Helped organize Pittsburgh trip for members of the AFAM, featuring curator-led museum tours and visits to exclusive private collections.

Student Board Member, Harvard Art Museums

CAMBRIDGE, MASSACHUSETTS 2015 – 2018

- Member of group of 12 students acting as liaisons between the student body and Harvard Art Museums.
- Introduced speakers Mel Bochner and Fernando Bryce; met with Museums director and curators.
- Ran events including study breaks at the Museums and tours for students.

Intern, The Jewish Museum

NEW YORK, 2010 – 2014

- 1 of 15 interns selected through application and interview process.
- Assisted in art studio and galleries, focusing on family activities and programs including Storybooks and Art program and weekly concerts.
- Completed monthly training sessions and gave tours; co-founded intern blog.

Member, Museum Teen Summit

NEW YORK, 2012 – 2014

- 1 of 10 members selected through nomination process to participate in a collective of youth leaders representing different museums in New York City dedicated to improving and promoting the role of youth in museums.
- Organized events at partnering museums, including the New Museum, Whitney, and the Jewish Museum.

Selected Fellowships and Awards

NDSEG Fellowship Program

ARMY RESEARCH OFFICE, 2022 – 2024

The Ernst Kitzinger Prize

HARVARD UNIVERSITY, 2018

Tech in the World Fellow, Socios en Salud/Partners in Health

LIMA, PERU, 2018

Industry Experience

Goldman Sachs/Algorithmic Trading

NEW YORK, NY

Data Scientist, Electronic Trading

2018 – 2021

Covered quantitative hedge funds and asset managers in a client-facing data science role; Performed trade cost analyses and communicated algorithmic recommendations to stakeholders.

Selected Collection Pieces

Emma Kohlmann

UNTITLED (WOODSHED SERIES), 2019

Watercolor and sumi ink on paper, 14 × 11 in (35.6 × 27.9 cm)

Pedro Covo

AMANECER EN LA CIÉNAGA DE LA VIRGEN (1), 2023

Oil on canvas, 280 × 140 cm (110 × 55 in)

Forest Wong

WORSHIP AT THE ALTAR, 2024

Oil on canvas, 5 × 3 ft