Avinash Iyer

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ABOUT ME | Mathematics PhD student at the University of Virginia interested in functional analysis.

EDUCATION

A.B., *summa cum laude* in Mathematics — May 2025
Occidental College, Los Angeles CA

PAPERS AND PRESENTATIONS

- *Research Experience for Undergraduates:* NSF-REU at East Texas A&M University, member of the Complex Analysis research group under Dr. Mehmet Celik. Studied excess area identities under operators on particular function spaces.
- *Observations on Weighted Toeplitz Operators and Symbol Constructions in Bergman Spaces*: Presentation at Joint Mathematics Meetings 2025.
- *Understanding Amenability in Discrete Groups*: Thesis and presentation for Honors in the Mathematics Department.

TEACHING

Fall 2025: Calculus 2 (Teaching Assistant), Advanced Linear Algebra (Grader)

AWARDS AND HONORS

Occidental College Dean's List	Fall 2021–Spring 2025
William Lowell Putnam Exam	8/120
Benedict Freedman Senior Prize in Mathematics	April 30, 2025