

Abdalla Darwish

CONTACT INFORMATION	4110 E Stevens Way NE Seattle, WA, USA	aboarab@uw.edu
RESEARCH INTEREST	Differential Geometry, Geometric Analysis.	
EDUCATION	The University of Chicago, Chicago, IL B.Sc. Mathematics, Computer Science; class of 2024. Graduated with honors in Mathematics University of Washington, Seattle, WA. Ph.D. Mathematics; 2024 - Present. Graduate Advisor: TBD	
EMPLOYMENT AND EXPERIENCE	Center of Fundamental Physics, ZC, Giza, Egypt. Visiting Research Assistantship 2024-2026 <ul style="list-style-type: none">In addition to research work, I am giving a series of lectures with the topic of "Geometry of Physics". University of Chicago, Chicago, IL. Undergraduate Grader Fall 2023 <ul style="list-style-type: none">Grading CMSC 14400 Systems Programming II. Undergraduate Teaching Assistant 2022 - 2023 <ul style="list-style-type: none">Teaching Assistant, Accelerated Real Analysis I-II-III, University of Chicago REU, Chicago, IL, Summer 2023 Participant, <ul style="list-style-type: none">Project: Avatars of the Picard group and group H^1 as a classifying space. University of Chicago REU, Chicago, IL, Summer 2022 Participant, <ul style="list-style-type: none">Project: The algorithmic undecidability of manifold homeomorphism British University in Egypt Summer School on Physics, Egypt, Summer 2021 Participant, <ul style="list-style-type: none">Project: Chaos in n-body Trajectories.	
TALKS	<i>Minimal Surface theory and black holes.</i> , ZC Center of Fundamental Physics Seminar. (Winter 2025) <i>Estimates on the Favard length for the four-corner Cantor set.</i> , University of Chicago Student GMT Seminar. (Fall 2023) <i>Favard curve length for the four-corner Cantor set.</i> , University of Chicago Student GMT Seminar. (Fall 2023) <i>An elementary proof of the Abel-Jacobi theorem.</i> , University of Chicago Mathematics Club. (Summer 2023)	

SEMINARS AND WORKSHOPS ORGANIZED	<i>5th Summer School on Mathematical Physics</i> , Cairo University. (Summer 2025) <i>AUC Winter School on Analysis</i> , American University in Cairo. (Winter 2025)
HONORS AND AWARDS	University of Washington Provost Fellowship Onsi Sawiris Scholarship
SKILLS	C/C++, Python, Lisp, Haskell.
LANGUAGES	English (Fluent); Egyptian Arabic (Native).