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| CONTACT INFORMATION | Department of Mathematics University of Miami 1365 Memorial Drive Coral Gables, FL 33124 | Website: sabiansaliasi.github.io Email: sabiansaliasi@gmail.com Phone: 239-560-6618 |
| RESEARCH INTERESTS | Low-dimensional topology Gauge theory and Floer homology Geometric topology | |
| EDUCATION | University of Miami , Coral Gables, FL B.S. in Mathematics (expected); Computer Science Additional Major (expected) GPA: 3.77 Pure Math GPA: 3.94 | May 2026 |
| AWARDS & HONORS | Departmental Honors in Mathematics Issac Bashevish Singer Full Tuition Scholarship University of Miami Foote Fellow Honors Program Florida Academic Scholars President's Honor Roll | (expected May 2026) 2022 2022 2022 2025 |
| PUBLICATIONS, PREPRINTS & ONGOING RESEARCH | Classifying Alternating Double Branched Covers Bounding Rational Balls with Jonathan Simone X-Plumbings, H-Plumbings, and Rational Homology 4-Balls with Jonathan Simone and Wynn Smith | Ongoing In preparation |
| RESEARCH EXPERIENCE | Carnegie Mellon University, SUAMI REU , Pittsburgh, PA Undergraduate Researcher (low-dimensional topology) | Summer 2025 |
| SELECTED TALKS | X-Plumbings, H-Plumbings and Rational Homology 4-Balls, UM Topology Seminar Dehn Surgery on Familiar Spaces, University of Miami Math Union Fundamental Group of Surfaces | 2025 2025 2025 |
| INVITED CONFERENCES & SEMINARS | Joint Mathematics Meetings University of Miami Topology Seminar University of Miami Mathematics Union | 2026 2025 2023-2025 |
| TECHNICAL SKILLS | Python; R; Java; SQL; \LaTeX ; Git | |
| ADDITIONAL EXPERIENCES | University of Miami, Mathematics Union Co-Founder & Co-President Karate Club, University of Miami President; Assistant Instructor; Black Belt AI Academy , Albany, NY Software Engineering Intern Trillium Trading , Miami, FL Quantitative Researcher | Sep 2023 – Present Sep 2023 – Present Summer 2023 Spring 2023 |