Srivatsa Srinivas

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Education

University of California, San Diego PhD. in Mathematics	San Diego, CA Sep. 2019 – Present
The Ohio State University	Columbus, OH
B.Sc in Electrical Engineering and Mathematics	Aug. $2014 - May \ 2019$
Honors and Awards	
James Ax Fellowship, University of California, San Diego	2019 - Present
NSF RTG Fellowship, University of California, San Diego	Multiple Quarters
AEP Undergraduate Engineering Scholarship, The Ohio State University	2019
Wening Scholarship, The Ohio State University	2019

Conferences

	Machine Assiste	ed Proofs.	Institute	for Pure	and Applied	l Mathematics
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National Buckeye Scholarship, The Ohio State University

Provost Scholarship, The Ohio State University

• Interacted with leading pure mathematicians, computer scientists and industry experts regarding the application of computing towards verifying and generating proofs

2014-2018

2014-2018

2023

• Presented a brief summary of my research to the attendees of the conference

UT Austin Graduate Mini-school in Groups and Dynamics, University of Texas at Austin 2022

- Interacted with leading mathematicians in the fields of Group Actions and Dynamics
- A joint work with Prof. Alireza Salehi Golsefidy was presented as one of the invited talks

TECHNICAL SKILLS

Computer Programming

- Haskell: Ability to use the SMT solver package sbv to solve problems in theoretical mathematics
- Rust: Ability to use the package wgpu-rs to program the GPU for visualization, ability to write effective programs to conduct mathematical experiments
- Python: Ability to use the package SymPy to teach students and conduct algebraic experiments

PUBLICATIONS

- Alireza Salehi Golsefidy and Srivatsa Srinivas. "Random walks on Group Extensions". In: Transactions of the American Mathematical Society (2024). DOI: https://doi.org/10.1090/tran/9309.
- [2] Alireza Salehi Golsefidy and Srivatsa Srinivas. "Random walks on direct product of groups". In: Journal of the European Mathematical Society (2024). DOI: https://doi.org/10.4171/JEMS/1550.
- [3] Desmond Coles, Peter Huston, David Penneys, and Srivatsa Srinivas. "The module embedding theorem via towers of algebras". In: *Journal of Functional Analysis* 280.11 (2021), p. 108965. ISSN: 0022-1236. DOI: https://doi.org/10.1016/j.jfa.2021.108965. URL: https://www.sciencedirect.com/science/article/pii/S0022123621000471.