Anvith Thudi

anvith.thudi@mail.utoronto.ca

Math Specialist student at UofT, former Concurrent Studies Student at SFU (attended while still in high school).

EDUCATION

University of Toronto, Toronto - Math Specialist Student (BSc)
Jan. 2021 - June 2022 (expected)
GPA: 3.91/4.0
Enrolled in predominantly 4th year/graduate courses, continuing my math education from SFU. Spent 2020 Fall in Engineering Science.

Simon Fraser University, Burnaby — Concurrent Studies Student
Sept. 2017 - April 2020
GPA: 4.09/4.33
Followed a math major stream while still attending highschool. Started attending SFU at the age of 14.

AWARDS

2020 Loran Scholarship
National Finalist

RESEARCH

Cleverhans Lab (Machine Learning Privacy and Security)

Aug. 2020 (ongoing)
Part of Prof. Nicolas Papernot's lab affiliated with the University of Toronto and Vector Institute

Conference Papers:

1) "Proof of Learning: Definitions and Practice" *Hengrui Jia, Mohammad Yaghini, Christopher A. Choquette-Choo, Natalie Dullerud, Anvith Thudi, Varun Chandrasekaran, Nicolas Papernot* in Proceedings of the **42nd IEEE Symposium on Security and Privacy**, San Francisco, CA. (2021)
2) "On the Necessity of Auditable Algorithmic Definitions for Machine Unlearning" *Anvith Thudi, Hengrui Jia, Ilia Shumailov, Nicolas Papernot* in Proceedings of the **31st USENIX Security Symposium** https://arxiv.org/abs/2110.11891
1) "Unrolling SGD: Understanding Factors Influencing Machine Unlearning" *Anvith Thudi, Gabriel Deza, Varun Chandrasekaran, Nicolas Papernot* in Proceedings of the **7th IEEE European Symposium on Security and Privacy** https://arxiv.org/abs/2109.13398?context=cs.C

Prepints:

1) "Bounding Membership Inference" *Anvith Thudi, Ilia Shumailov, Franziska Boenisch, Nicolas Papernot* https://arxiv.org/abs/2202.12232
2) "SoK: Machine Learning Governance" *Varun Chandrasekaran, Hengrui Jia, Anvith Thudi, Adelin Travers, Mohammad Yaghini,*

Nicolas Papernot https://arxiv.org/abs/2109.10870