Future Work

- Attack Trees as Comonads?

- Developing a benchmarking library using random generation of attack trees via QuickCheck.

  - Randomized Property based testing of threat analysis algorithms

  - Generate large trees during testing

Takeaways

- Attack Trees can be modeled as **formulas in resource-sensitive logics.**

- Analysis of Attack Trees can be **automated** using their logical semantics.

- **Lina** is a functional programming language that supports this new perspective.