

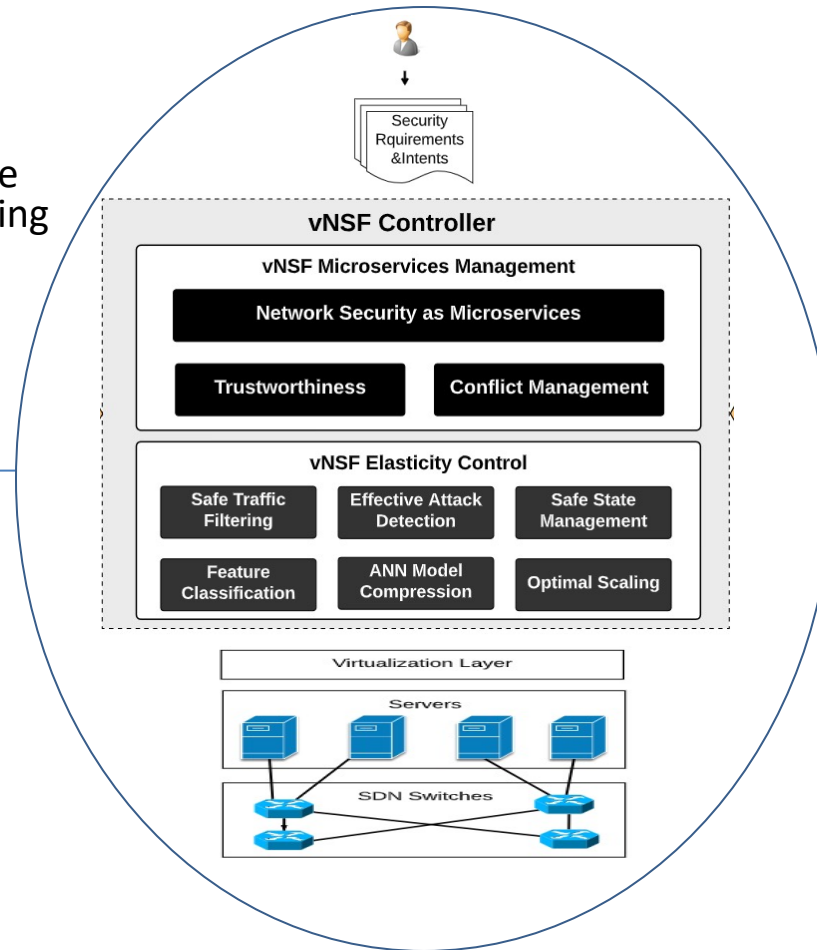
CAREER: Towards Elastic Security with Safe and Efficient Network Security Function Virtualization

Challenge:

- Traditional network security functions are inefficient in protecting today's prevailing programmable and virtualizable environments

Solution:

- This project will address major challenges inherent in the management, design, deployment, and execution of virtual Network Security Functions



Scientific Impact:

- The proposed solutions of this project will be flexible, scalable, trustworthy, and optimal, and will substantially enhance the security of programmable and virtualizable network infrastructure

Broader Impact and Broader Participation:

- This project will reach out to K-12 educators and students, enhance REU and supporting senior design projects, and provide support for underrepresented groups