



Zhenning Shi

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Educational Background

Jilin University Sep 2019

Computer Science and Technology, College of Computer Science and Technology

Average grade point of professional courses: 3.92/4, ranking: 1/362, publicity link:
<https://ccst.jlu.edu.cn/info/1056/16612.htm>

Tsinghua University QS Top100 Sep 2023 - Jun 2026

Computer Technology, Shenzhen International Graduate School

Awards

Awarded the National Scholarship for two consecutive years 2019 - 2020 , 2020-2021

CCF Elite Collegiate Award: <https://www.ccf.org.cn/Awards/Awards/2022-09-06/772839.shtml> 2022

Competition Awards

The National High School Mathematics Competition First Prize (17th in Liaoning Province) Sep 2018

Runner-up in the Northeast China Collegiate Programming Contest Oct 2020

Silver Medal in the CCPC (China Collegiate Programming Contest) Nov 2021

Research experience

Generating Neural Networks for Diverse Networking Classification Tasks via Hardware-Aware Neural Architecture Search Oct 2021 - Feb 2024

Student second author, published in IEEE Transactions on Computers, <https://doi.org/10.1109/TC.2023.3333253>

Helios: Learning and Adaptation of Matching Rules for Continual In-Network Malicious Traffic Detection Jun 2023 - Jan 2025

First Author, WWW 2025, We designed the Supervised Mixture Prototypical Learning (SMPL) method and implemented rule transformation and internal network deployment based on priority range matching. To address new attack categories generated by zero-day attacks, the solution supports efficient incremental rule updates.