

Xian Wang

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EDUCATION

The Hong Kong University of Science and Technology <i>MPhil in Computer Science and Engineering</i> Supervisor: Dimitris Papadopoulos	Hong Kong Sep.2023 - Jun.2025 (expected)
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Xidian University <i>Bachelor in Software Engineering, GPA 3.7/4</i>	Xi'an Sep.2018 - Jun.2022
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The Hong Kong University of Science and Technology <i>Exchange student, GPA 4/4.3</i>	Hong Kong Jul.2021 - Nov.2021
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PUBLICATION

Scalable Oblivious Database Operators
Under review

ENIDrift: A Fast and Adaptive Ensemble System for Network Intrusion Detection under Real-world Drift [paper][code]

Xian Wang
ACSAC 2022, Artifact Functional Badge

SOTER: Guarding Black-box Inference for General Neural Networks at the Edge [paper][code]

Tianxiang Shen, Ji Qi, Jianyu Jiang, **Xian Wang**, Siyuan Wen, Xusheng Chen, Shixiong Zhao, Sen Wang, Li Chen, Xiapu Luo, Fengwei Zhang, Heming Cui
USENIX ATC 2022, Result Reproduced Badge

WORK EXPERIENCE

Data Science Intern (full-time internship) <i>Apple</i> Used machine learning and AI algorithms to detect malicious and outlier data. Implemented an online interactive data presentation platform; it was adopted by the Apple DFM Shanghai team.	Shanghai Feb.2022 - Jun.2022
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HONOR & AWARDS

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- 2023~2025 HKUST PG scholarship
 - 2020 Chinese Modern Scientist Memorial Scholarship
 - 2018~19, 2019~20, 2020~21 National Scholarship

SERVICE

Artifact evaluation committee: USENIX ATX 2023, USENIX OSDI 2023
Teaching assistant: 2023 Fall COMP2012 Object-Oriented Programming and Data Structures; 2022 Fall COMP3330 Interactive Mobile Application Design and Programming.

SKILLS

Languages: Fluent in English; Native in Mandarin **Programming:** C, C++, Python, MATLAB
Tools & platform: Intel SGX, Linux, Tableau, Libtorch, PyTorch, TensorFlow, Latex