

CURRICULUM VITAE

Name: **Xingchao Bian**

M/F: M

Date of Birth: 09-23-1995

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Department of Software

College of Computing

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Education

- Bachelor of Engineering (Feb. 2016 - Feb. 2020)
 - Major: Computer Science and Engineering
 - Inha University, Inchon, Korea
 - Research Advisor: Prof. YOUNGTAE NOH
 - GPA: 3.77/4.50
 - Percent: 91.66/100.0

- MD-PhD of Engineering (Mar. 2020 - present)
 - Major: Computer Science and Engineering (SKKU Suwon Campus)
 - Combined major: Fintech (SKKU Seoul Campus)
 - Sungkyunkwan University, Suwon, Korea
 - Supervisor: Prof. HYUNGMIN CHO
 - GPA: 4.08/4.50
 - Paper:
 1. Detecting Anomalies in Time-Series Data using Unsupervised Learning and Analysis on Infrequent Signatures / Journal of IKEEE, 24(4), 1011-1016 / KCI Published
 2. Detecting Cache-based Side-Channel Attacks by Leveraging Mesh Interconnect Traffic Monitoring, Submission

Research Interests

Hardware Security (Processor Security)

Side-channel Attack Technology

Deep Learning

Financial Technology

Experiences

- Mentor of Inha Tutoring Program (Selection by grade)
 - Discrete Mathematics (2018.2-2018.6)
 - Introduction of Computer Programming, Python (2018.9-2018.12)
 - Introduction of Computer Programming, Python (2019.9-2019.12)
- Well - being Health Pharm Trade Company Internship (2018.6 2018.8)
 - Location: Korea Incheon
 - Position: trade assistant
 - Work: Company related products research, market analysis, marketing image production, advertising, document translation
- Undergraduate Student Intern (2019.2-2019.8)
 - Location: Korea Incheon
 - Inha University, NSL Lab (Networked System Laboratory)
 - Advisor: Prof. YOUNG TAE NOH
 - Work: Deep learning in emotion recognition, portable and low-energy Position Tracker (for the old and the young missing issue)
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- Graduate Student Full-time (2020.3-2022.3)
 - Location: Korea Suwon
 - Advisor: Prof. HYUNGMIN CHO
 - SKKU, CPL Lab (Computing Platforms Laboratory)
 - Work: Security vulnerability inspection technology in processor interconnection field – analysis system construction by monitoring the mesh interconnect
- Online Channel Product Sales Forecast AI Competition, 2023.07.01 ~ 2023.08.28
- Development of B2B Sales Opportunity Creation Forecast Model based on MQL Data, 2024.02.01 ~ 2024.02.26
- (주)EnF Advisor Intern (2023.8-2024.2)
 - Location: Korea Yeouido
 - Position: Data Analysis
 - Work: 노란우산공제회 Financial Estimation Research Service

Skills

- TOPIK (Test of Proficiency In Korean) 6/6 level, 2020
- TOEIC (Test of English for International Communication) 730/990, 2019

Awards

- International Scholarship (4 Years) in Inha University
- STEM Scholarship of Science and Engineering Department (MD-PhD) in SKKU
- HAIcon2020 Industrial Control System Security Threat Detection AI competition 9/267
- Sungkyunkwan University Graduate School of Integrated Security Hackathon Individual Award, 2021