

Yuanhaur Chang (Oliver)

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RESEARCH INTERESTS

Cyber-physical Security, Medical Security, Usable Security & Privacy

EDUCATION

Washington University in St. Louis

Ph.D. in Computer Science

Advisor: Dr. Ning Zhang

Missouri, USA

2021 - Present

National Taiwan University

Bachelor of Science in Computer Science and Information Engineering

Taipei, Taiwan

2017 – 2021

HONORS/AWARDS

Scholarship

- WashU Dean's International Award 2021
- Taiwanese Ministry of Education Scholarship 2021

Competition

- **Best Project - National Security** in Advanced Information Security Summer School (AIS3) Competition 2020
- **Bronze Project Award** in 2019 Biomolecular Design Competition (BIOMOD) 2019

RESEARCH EXPERIENCES

Undergraduate Research Assistant

- Medical Informatics Lab: RNA-Seq 2020 – 2021
- Stem Cell and Regenerative Medicine Lab: scRNA-Seq 2020 – 2021

TEACHING

National Taiwan University

- TA for EE5184 Machine Learning Spring 2020

PUBLICATIONS

Conference

1. Zhiyuan Yu, Yuanhaur Chang, Shixuan Zhai, Nicholas Deily, Tao Ju, XiaoFeng Wang, Uday Jammalamadaka, Ning Zhang
XCheck: Integrity Verification for 3D Printed Patient-Specific Devices via Computing Tomography
USENIX Security Symposium, 2023
2. Zhiyuan Yu, Yuanhaur Chang, Ning Zhang, Chaowei Xiao
SMACK: Semantically Meaningful Adversarial Audio Attack
USENIX Security Symposium, 2023
3. Zhiyuan Yu, Zhuohang Li, Yuanhaur Chang, Skylar Fong, Jian Liu, Ning Zhang

HeatDeCam: Detecting Hidden Spy Cameras via Thermal Emissions
ACM Conference on Computer and Communications Security (CCS), 2022

CVE

1. CVE-2021-44961
2. CVE-2021-44962

SERVICE AND LEADERSHIP

- Vice President of Taiwanese Graduate Student Association (TGSA) 2022 – Present
- Student Volunteer in Office of International Affairs 2018 – 2019
- Student Volunteer in College of EECS 2018 – 2019