

Victor YANG

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EDUCATION

SHANGHAI TECH UNIVERSITY, Shanghai, China Expected Jun. 2022
Bachelor of Science, Computer Science
• Department of New Media, School Union (DNM, SU)

EXPERIENCE

SHANGHAI TECH UNIVERSITY, Shanghai, China 2018 – Present
Research assistant, SYSTEM & SOFTWARE SECURITY LAB (S³L) \ PI : Fu Song Aug. 2019 – Present
• Researching Adversarial Sample Detection for Deep Neural Network using foolbox and IBM-ART to improve accuracy of object recognition to prevent impostors from hacking into systems.
• Researching MOVE metabolism in Libra currency source code to improve security against cyberattacks.
Leader, WeChat Team (DNM, SU) Sept. 2018 – Feb. 2019
• Implemented a WeChat applet during school sports meeting
Photographer & Film Editor, Society Practice Team (Ping Tang) July. 2019
• In charge of a team of 8 to shoot videos during visit to FAST (Five-hundred-meter Aperture Spherical Telescope).
• Demystified photography for elementary schools students in rural area by creating a tutorial and giving lectures.
• Investigated the Crowding out effect of FAST on local Tourism to help prepare residents for possible challenging
Student, Math Modeling Class (by Liuqing, Xiao SJTU) July. 2019
• Analyzed the trade in an unbalanced market (by Florian Hauser and Marco LiCalzi) using R.
Student, Seeking Opportunity in FinTech (by Santander Bank, Spain) Feb. 2019 – June. 2019
• Received first place in competition on Conceptualized Vchain (a Blockchain assured Insurance Evaluation Solution) for analyzing both the financial and technological aspects thoroughly.

SELECTED ACTIVITIES

Production Engineer Intern, Jump Jul. 2020 – Present
• High Frequency Trade Order Book simulation applying Linear Regression Method.
• Applied salt and jinja to automate scheduling of jobs and assigning affinity of cpu cores in Linux DevOps.
Leader and Co-founder, Shanghaitech Drones Association Oct. 2019
• Top ten in Moon Landing Competition held by Innovation Academy for Microsatellites of CAS.
Co-leader, GeekPie_HPC ASC20 Mar. 2020
• Optimized QuEST (Quantum Simulator) using NCCL and cache blocking.
Traveled Singapore- Malaysia -Thailand- India- Nepal alone June. 2019
Co-leader, 0x238e Apr. 2019 – Present
• Best reward of Bitrun, Hang Zhou for implementing a Virtual Car Society based on Block chain.
• Second Price in Shanghai CTF Competition for PHP & binary & SQL exploitation.
• Made a Plugin for VSCode for android DTA check based on TaintART.

SKILLS AND AWARDS

- Languages: Chinese (Native), English (Fluent), TOEFL: 96
- Computer Skills: C/C++/Python/Rust/Golang/Vue.js/R/verilog
- Hobby: Tennis/Drones