



Wang Shuo

Curriculum Vitae

"Forever love life, strive for excellence."

Education

- 2018–2022 **Bachelor of Cyberspace Security**, *Beijing University of Posts and Telecommunications*, China, *GPA – 3.8/4.0, Rank – 1/105*.
Specialized in Mathematics, Computer Science and Cyberspace Security
- 2022– / **Master of Computer Science**, *Tsinghua Shenzhen International Graduate School*, China, *To be admitted*.
Specialized in Computer Science, Computer Network, Deep Learning
- Major courses Network Security(A), Software Security(A), Internet of Things Security(A), Big Data Security(A), Mobile Device Security(A), Network Traffic Monitoring and Control(A), Information Security Programming Technology and Case Development(A).

Awards

Competition

- Nov. 2018 **First Place** in Physics Competition of College Students in Parts of China
- Jun. 2019 **First Place** in Advanced Mathematics Competition of BUPT
- Nov. 2020 **First Place** in National College Students Mathematical Competition
- Mar. 2021 **Honorable Mention** in Mathematical Contest in Modeling

Scholarship

- Sept. 2019 **National Scholarship** (Rank 1st in Major)
- Sept. 2020 **National Encouragement Scholarship**
- Nov. 2021 **Undergraduate Top Grade Scholarship** (Top 5 in School)

Honorary Title

- Sept. 2019 **Advanced Individual** of "70th anniversary of National Day" Mass Parade "One country, two systems" Phalanx
- Jun. 2019 **Excellent Student Cadre** in BUPT
- 2019–2021 **Merit Student** in BUPT (Win in 3 Consecutive Years)
- Jun. 2021 **Marathon** completion certificate of Keep Marathon
- Sept. 2021 **Merit Student in Beijing** (Only 1 in Academy)

⚙️ Computer Skills

Programming PYTHON, JAVASCRIPT, JAVA, NODE.JS, C/C++, PHP, SHELL
Tools L^AT_EX, Git, SSH, CMake, Vim, Linux, Docker, Android, Data P&V of Python
Major Skills Computer Network, Kernel Dev., Disassembly, Vulnerability Mining
Advanced Website Full Stack Dev., Network Traffic, Machine Learning, Deep Learning

📁 Project Experience

Curriculum Practice

2019–2021 **Experimental class scientific research**, *Tutor*: CUI BAOJIANG.
Improve my ability of English R&W, academic research, software and problem-solving.

Representative achievements:

- WVSS: Web vulnerability scanning system (SQL, XSS, FileUpload, WeakPasswd)
- TrojanCS: Remote Trojan Horse Control System of Windows 10
- BotnetAD: Botnet Anomaly Detection based on machine learning and DNS features
- CloudVS: Enterprise Cloud Environment and Image Vulnerability Scanning System
- TEnDeDriver: Windows 10 kernel file transparent encryption and decryption driver

Competition & Research

Jul. 2021– / **Internship of Project Integration**, *Tsinghua University*.

Participate in the National Key R&D Program, responsible for the integration and development of prototype system. Website full stack development: [prototype system address](#).

Nov. 2021– / **Scientific Research**, *Network Traffic Classification*, *Tutor*: XIAO XI.

Paper to be published: Robust and efficient network traffic classification based byte-label joint attention learning and GAN network.

Mar. 2021 **Mathematical Contest in Modeling**, *Honorable Mention*.

N-population competition model, Environmental effect model of skew distribution, Matlab cellular automata, Fungi population diversity.

📖 Extracurricular Practice

Student Work

Academy **President of the Student Union**, *Organization and communication skills*.

School **Vice President of Math Association**, *Mathematical and abstract reasoning skills*.

Class **Study Secretary**.

Holiday Practice

Sept. 2019 **Marcher**, "70th anniversary of National Day" Mass Parade "One country, two systems" Phalanx.

Jul. 2021 **Volunteer**, *Celebration of the 100th anniversary of the founding of the Communist Party of China*.

Others

2018–2022 **Volunteer**, *Volunteer time: 702 hours*, Beijing.

Jun. 2021 **Probationary Party Member**, *School of Cyberspace Security undergraduate first party branch*, BUPT.

Jun. 2019 **Speaker**, *Final review lecture of advanced mathematics*, BUPT.

Nov. 2020 **Speaker**, *University competition sharing lecture*, SCSS of BUPT.