Educat	ion	1
Johns Hopkins University Baltimore, MD		
		resent (enrolled in Spring 23 semester)
	Class Taking: Software Define Networks, Blockchains and Cryptocurrencies, Co	
	Lab Research Intern: Research projects for distributed systems failure detection	(ZK, Hbase) under the supervision of
	Prof. Ryan Huang (UMich) and Prof. Chang Lou (UVA) (ongoing, paper submissio	
	Lab Research Intern: Participate in the project of developing new network archiv	tecture in Prof. Scott Shenker's lab
	(UCB), mainly developing the new network service (pub-sub, IPFS) for the arch	
Nanjing	University	Nanjing, CN
	Assistant (Mainly studying computer network and systems)	Jan 2021 – Nov.2022
	Publication: "Norma: Towards Practical Network Load Testing." Accepted by U	SENIX NSDI'23 (3rd student author and speaker)
	Project: Bandwidth Allocation Among Tenants for QoS (Quality of Service) Sys	
	Datacenter Networks (A preprint "ProNet: Network-level Bandwidth Sharing among Ten	
Universi	ty of California, Berkeley	Berkeley, CA
	International Study Program	Aug 2019 – Dec 2019
	Courses: Introduction to Database, Machine Structures, Numerical Analysis	ng
	aotong University	Xi'an, CN
	of Engineer in Computer Science and Technology (Honors Science Program)	Sep 2017 – Jun 2021
	GPA: 3.47/4.00 (Honor Graduates)	SSF ISIN ISIN ISIN
	Courses: Operating Systems, Data Structures, Analysis of Algorithms, Artificial	Intelligence, Machine Learning,
Computer Networking, Software Defined Networking, Computer Vision		
Acaden	nic Experiences (Past and Completed)	
	ork Bandwidth Quality-of-Service System Development Project	Nanjing University, Nanjing, CN
	veloper (Supervised by Prof. Chen Tian)	Nov 2020 – Jun 2022
	Created 3000+ line projects with NS-3 network simulator and programmable sw	
	Designed and developed a network bandwidth allocation system based on t	
_	calculation and load scheduling time in-between networks and to achieve multip	
	Achieved bandwidth utilization rate of 80% with high stability compared to 50%	
	Completed most programming tasks that contributed to research and a preprint p	
	A High-Performance Network Tester Based on Programmable Switches	Nanjing University, Nanjing, CN
	Cr (Supervised by Prof. Chen Tian, project collaborated with Alibaba, China)	Nov 2021 – Jan 2022
	Developed customizable and light-weight in-network performance testing too	
_	hardware programming and C++ for control plan software programming	r of winning r ranguage for switch
	Evaluated the system architecture, designed and implemented controlled experin	ments for the research group
	Ensured testing tool performance under high-speed and extreme testing enviro	
	around 95.5% compared to the previous result of approximately 50%, paper acc	
Runtime		Ki'an Jiaotong University, Xi'an, CN
	aduate Research Intern (Supervised by Prof. Peng Zhang)	Sept 2020 – May 2021
	Learned and applied the network verification tool "batfish" on several network	
_	efficiency of its failure detection.	
	Learned Differential Datalog and Soufflé (a logic programming language) and p	participated in developing some parts
_	of the incremental network verification functions and testing (related to the BGH	
Statistic	al Machine Learning Regression Analysis on Weather Data Project	University of Alberta, Alberta, CA
	School Student	Jul 2018 – Aug 2018
	Analyzed and cleaned the weather dataset by smoothing out data noise, filtering	
	and outliers; and performing one-hot-encoding and z-score standardization on the	
	Built models to predict future one-week weather using Ridge and Lasso regressi	
_	significantly improved compared to the baseline model; visualized the data and	
Profess	ional Experiences	made a presentation about the initiality
Baidu, I		Beijing, CN
	Developer Intern	Jan 2020 – Feb 2020
	Designed and developed end-to-end solutions, including site acceleration, conti	
	elastic computing, failure analysis, traffic distribution, and performance tuning	
П	Designed programs of 500+ lines using C++ and Java to conduct maintenance of the Baidu Voice Assistant system	
	and network during the Chinese New Year peak network usage period, and redu	
П	Pitched the program to the company and successfully incorporated it into DuerC	
	ch interests & Skills	, a popular smart nome appliance
Research interests: Networking and Networking system, Distributed system, Storage system		
Technica		
Frameworks: Scikit, PyTorch, TensorFlow, Keras, (a little Django, Flask, and NodeJS)		
Tools: GIT, MySQL, NS3 Network Simulator, (a little Kubernetes and Docker)		
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