



APPLICATION FOR ADMISSION TO GRADUATE PROGRAMMES

BY COURSEWORK & DISSERTATION

(RECEIVED ONLINE)

Academic Year 2024***922426136078*****(A) PROGRAMME APPLIED FOR**

PROGRAMME CODE\NAME : [276]MSC(CYBER SECURITY)		APPLICATION NO. : C2426136	
PROGRAMME TYPE : FULL-TIME	ADMISSION DATE : 12-AUG-24	ASGS : NO	
BILL REFERENCE NO.* : 922426136078		DATE OF PAYMENT : 07-DEC-2023 [Internet]	

* The Bill Reference No. is only for payment of application fee via POSB/DBS ATM. For applicants who are not paying through this mode, please ignore this number.

(B) PERSONAL PARTICULARS

NAME (As in NRIC or passport) : SUN QI	TITLE : Mr
SURNAME/FAMILY NAME : SUN	GIVEN NAME : QI
NRIC/Passport No. : XXXXX143	SEX : MALE
DATE OF BIRTH : 03-MAR-2002	AGE (As at 1.1.2024) : 22
CITIZENSHIP : Chinese	RELIGION : FREE THINKER
For Non-Singaporean Only: Are you a Singapore Permanent Resident? NO Are you holding a Dependant Pass? NO	For Non-Singaporean Only: Are you holding an Employment Pass/Work Permit? NO If Yes, FIN No. :
MARITAL STATUS : SINGLE	
FAX No. :	EMAIL ADDRESS : mikeesun@163.com
HOME ADDRESS : XI'AN JIAOTONG UNIVERSITY NO.28 XIANNING WEST ROAD XI'AN SHAANXI CHINA 710048	MAILING ADDRESS : XI'AN JIAOTONG UNIVERSITY NO.28 XIANNING WEST ROAD XI'AN SHAANXI CHINA 710048
TELEPHONE No. 86 18100960721 (Home) (Office) (Pager/Handphone)	

Check List

Applicants: Please check that the following documents are enclosed in the given order. Incomplete applications will not be processed.

- ☐ 1. Application Form
☐ 2. Payment slip (attach proof of payment of application fee)
☐ 3. Passport-sized photograph (paste a nice photo form for your matriculation card)
☐ 4. NRIC/Passport/Citizenship Certificate/Employment Pass/Work Permit/Dependent Pass
☐ 5. Degree scroll/University transcripts or results slips/TOEFL/GMAT ☐ 6. Documentary proof of present and previous employment ☐ 7. Any other relevant documents

(C) EDUCATIONAL BACKGROUND

University (Undergraduate and Higher Degree)				
From (Year)	To (Year)	University/Country/Region	Residing Campus/Country/Region of study	Qualification Obtained (Include Honours if applicable)
2020	2024	XI'AN JIAOTONG U / CHINA		B. ENG. (COMPUTER) [PASS] GPA: 3.18/4.3 AverageScale: 81.8/100

View Academic Transcripts: [View Attachments](#)

IELTS/ TOEFL: For applicants whose native language is not English, the TOEFL/IELTS score is to be submitted with the application for admission. Test dates must be within 2 years or less from the date of application. GMAT/GRE: GMAT/ GRE score is to be submitted only if it is a requirement for the programme you have applied. Please check programme's admission requirement.				
TOEFL			IELTS	
Total Score	Test Month & Year	Type	Total Score	Test Month & Year
102	Jun 2023	Internet Based	-	-

GMAT		GRE	
Total Score	Test Year	Total Score	Test Month & Year
-	-	316	Nov 2023

View Test Score Transcripts: [View Attachments](#)

Professional Qualifications/Membership			
From (Year)	To (Year)	Professional Board/Country/Region	Award/Status

View Professional Qualifications/Membership Transcripts: [View Attachments](#)

Programme(s) you are currently pursuing		
Programme	Institution	Expected Completion Date

View Pursue Reason Docs: [View Attachments](#)**(D) WORK EXPERIENCE**

From (dd/mm/yyyy)	To (dd/mm/yyyy)	Designation	Company/Organisation	Duration(Mth)
01-SEP-2020	01-JUN-2024	UNDERGRADUATE		0

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Total duration of working experience since obtaining a Bachelor's degree (assume up to) : 0 years 0 months

View Work Assignment Docs: [View Attachments](#)

Briefly describe your most recent work/job assignments, if any, relating to the programme you are applying for admission. You may also indicate any research experience you may have or any paper(s) that you may have published over the last 5 years. A statement of support from your employer would be useful. Use a separate sheet of paper if necessary.

I have multiple research experiences relating to Cybersecurity, especially two designed to use AI to solve cybersecurity problems. I joined Dr. Peng Zhang's cybersecurity research group as an intern and researched Phishing Website Detection based on URL Sequences, during which I published a paper at the 2nd International Conference on Software Engineering and Machine Learning (CONF-SEML 2024). Dr. Zhang is an associate professor at the Institute of Information Engineering, CAS. After thoroughly reviewing and distilling recent highly cited related papers, I found that although SOTA models have impressive detection performance, their resource requirements and long training/inference time limit practical use. So I came up with an efficient model with the advantages of parallel CNN, RNN, and multi-head attention, which achieved a significant speed-up of 34.93% while the accuracy was 98.3%, close to that of the SOTA models. And I joined Professor Wang Weiping's team for summer research. She was a professor at the School of Computer Science, Central South University. My task was to create a model to generate a knowledge graph from a galaxy of unstructured Cyber Threat Intelligence(CTI) reports. I used and tailored Sentence Bert, a deep learning model designed to capture the contextual information and semantic meaning of sentences, to solve this problem. My model succeeded in this task with a Precision of 82.8%, while the non-AI model based on rule-based algorithms can only reach a Precision of 72.1%.

State why you wish to pursue this programme and how you would use the knowledge you gain from it in practice.

In the future, I hope to be a security architect or security engineer in the industry. Your program can expose me to extensive practice opportunities and the most systematic training in Cybersecurity, preparing me for further career trials. I am especially interested in the Capstone Project, which will be helpful in my career search in Cybersecurity by exposing me to the real working environment. I will seize the chance to learn more advanced and practical techniques during the Capstone Project and broaden my networks in the industry. I believe that learning from your prestigious faculties in your program will be an eye-opening journey for me, helping me get closer to my goals.

(E) PROGRAMME ENROLLED IN NTU

(1) Have you been or are you currently enrolled as a higher degree student of NTU? No
 # Candidature may be terminated if candidate found to be currently pursuing any other programme(s) of study either in NTU or in any other universities without the prior approval of the University.

If yes, please provide details :

Programme enrolled :

Status :

(2) Are you an existing undergraduate of a Bachelor programme at NTU? NO

If yes, please provide details :

Programme Pursuing :

Expected Date of Graduate :

(3) Have you ever been convicted of a criminal offence by a court of law of any country/Region? NO

Please indicate one other university that you have applied to for higher degree programme by coursework.

University:

Country/Region:

(F) FEEDBACK

Where did you first learn about NTU and our graduate programmes? NTU Website

(G) DECLARATION

1. I affirm that all statements made by me on this form are correct. I understand that any inaccurate or false information or omission of information will disqualify this application and that, if admitted on this basis, I will be required to withdraw from the University. I understand that the provision of any inaccurate or false information may render me liable to prosecution in a court of law.
2. I understand that the offer of admission which the University may make to me is conditional upon my satisfying all the prevailing criteria for admission. I further understand that notwithstanding my acceptance of such offer I may be expelled or required to withdraw from the University if it is subsequently established that I have not satisfied all such criteria.
3. The University may utilize the personal information and personal data from the Ministry of Education or Government Ministry or agency for processing of admission application through data sharing. This sharing of information will lead to matters relating to an application being processed in a more efficient manner and the applicant is being provided with the most efficient level of service possible.
4. I acknowledge that I have read and understood the NTU Personal Data Privacy Statement and Consent for Applicant and I consent to the NTU collecting, using, disclosing and processing my personal data in accordance with the Purposes stated in the document.
5. I fully understand that my application will be considered invalid and will not be processed if NTU does not receive the application fee.

☒ Internet Payment(VISA/Master Card)