附件 2

学在重庆 Study in Chongqing

重庆市教育委员会
CHONGQING MUNICIPAL EDUCATION COMMISSION

中国重庆市江北区北滨一路 369 号　邮编：400020

Add: No.369 Beibinyilu Road, Jiangbei District, Chongqing, P.R. China
400020

http//:www.cq.edu.cn

（学校填写 The above table is only for

Chinese higher education institutions)

No.								
学生类别								
学习专业								

重庆市人民政府外国留学生市长奖学金申请表
APPLICATION FORM FOR CHONGQING MUNICIPAL GOVERNMENT MAYOR SCHOLARSHIP

请用中文或英文填写此表格。请用电脑打印或用蓝色或黑色钢笔认真书写表格内容，请在所选项框内划 'X' 表示，不按规定填写的表格将视作无效。

Please complete the form in Chinese or English. If the form is not filled in on PC, please write legibly in black or blue ink. Please indicate with 'X' in the blank chosen. Any forms that do not follow the notes will be invalid.

1. 申请人情况/Personal Information

护照用名/Passport Name

姓/Family Name **ALI**

名/Given Name **ROHMA**

国籍/ Nationality **PAKISTANI**　护照号码/ Passport No. _____

出生日期/Date of Birth: 年/ Year **22-12-1997** 月/ Month **12** 日/ Day **22**

出生地点/ Place of Birth: 国家/Country **PAKISTAN** 城市/City **WAH CANTT**

男/Male ☐　女/Female ☒　已婚/Married ☐　未婚/Single ☒　其它/Other ☐

母语/Native Language **URDU**　宗教/Religion **ISLAM**

当前联系地址/ Present Address _____

电话/Tel **00923379857105**　传真/Fax _____　E-mail **rohmaali03@gmail.com**

永久通信地址/Permanent Address _____

接收录取通知书地址（包含国家、省州、城市、街道、邮编信息）/Address for receiving admission notice(Street, City, State/Province, Country, Zip code)

House no # 25E-258 , block # 12, POF wah cantt, Tehsil taxila, district rawalpindi, punjab, Pakistan

2. 受教育情况/Education Background

学校 Institution	在校时间 Years Attended (from/to)	主修专业 Fields of Study	毕业证书及学位证书 Certificates Obtained or To Obtain
Comsats university Islamabad	2016 - 2020	Software Engineering	BS-Degree
FG Post Graduate college	2013 - 2015	Computer science	HSSC II
FG Girls Public secondary school, Wah cantt	2011 - 2013	Science	SSC II

3. 工作经历/Employment Record

工作单位 Employer	起止时间 Time(from/to)	从事工作 Work Engaged	职务及职称 Posts Held
Glowlogix (Pvt) Ltd	2020 - Present	web development	Web developer

4. 语言能力/Language Proficiency)

   a) 汉语/Chinese:　很好/Excellent □　好/Good □　较好/Fair □　差/Poor ☒　不会/None □
   HSK 考试等级或其他类型汉语考试成绩/Level of HSK test or other certificates which can show your Chinese level:
   _____

   b) 英语/English:　很好/Excellent ☒　好/Good □　较好/Fair □　差/Poor □　不会/None □
   申请授课语言/Language of Instruction: 汉语/Chinese □　　英语/English ☒
   我的英语水平可以用英语学习/I can be taught in English:　是/Yes ☒　否 /No □
   c) 其他语言/Other Languages:

5. 来华学习计划/Proposed Study in China

   a) 博士研究生/Doctoral Degree Candidate: □　　　硕士研究生/Master's Degree Candidate: ☒
   本科生/Bachelor's Degree Candidate: □　　　进修生/Further-study Student □
   b) 申请来华学习专业或研究专题/Subject or Field of Study in China: COMPUTER SCIENCE AND TECHNOLOGY
   c) 申请院校/Preferences of Institutions of Higher Education in Chongqing:
     I . CHONGQING UNIVERSITY OF POST AND TELECOMMUNICATION　II . _____　III. _____
   d) 申请来华专业学习时间/Duration of the Major Study in China:
     自/From:　年/Year 2021　月/Month 09　至/To: 年/Year 2024　月/Month 07
   e) 是否需要补习汉语/Do You Need Elementary Chinese Study Prior to the Major Study?
   是 /Yes:□　请填写申请汉语补习时间(不计在专业学习时间)/If "Yes", please fill in the duration of your elementary Chinese study (not included in the length of the major study). _____
   否 /No: ☒

6. 拟在华学习或研究的详细内容（可另附纸）/Please describe the details of your study or research plan in China (an extra paper can be attached if this space is not enough)

I want to do MS thesis on "Gastrointestinal tumors detection using Hyper spectral Image (HSI)". (detailed study plan is attached at the end of this form).

7. 曾发表的主要学术论文、著作及作品/Academic Papers, Writing & Art Works Published

Implementation of ICN (information centric networking) in campus area network for software defined internet of things backed by mobile edge computing. (IN PROCESS)

8. 申请人在华事务联系人或机构/ The Guarantor Charging Your Case in China:

名称/Name: CHONGQING UNIVERSITY OF POST AND TELECOM　电话/Tel: +86-23-62460007　传真/Fax: +86-23-62487912
地址/Address: chongqing university of posts and telecommunication, Nan'an District, Chongqing, P.R.China, Zipcode: 400065

9. 申请人是否曾在华学习或任职/Have you ever Studied or Worked in China?

是/Yes □　学习或任职单位/Institution or Employer _____
在华时间/Time in China: 自/From: 年/Year ___　月/Month ___　至/To: 年/Year ___　月/Month ___
否/No ☒

10. 申请人亲属情况/Family Member of the Applicants:

	姓名 Name	年龄 Age	职业 Employment
配偶/Spouse:	—	—	—
父亲/Father:	Rehmat Ali	50	Government Employee
母亲/Mother:	Rizwana Ali	50	House wife

所附材料情况（请在所附附件前划'X'标明）/Materials Attached (Please Indicate with 'X' in the Bracket.):

☒ 两封副教授或教授推荐信/Two Letters of Recommendation by associate professors or professors.

☐ 有关重庆院校接受函或录取通知书/Admission Letter or Admission Notice of Universities in Chongqing.

☒ 本人最后学历成绩单复印件（须公证）/Transcripts of the Most Advanced Studies (Notarized Photocopy).

☒ 本人最后学历证书复印件（须公证）/Diploma of the Most Advanced Studies (Notarized Photocopy):

本科/Bachelor's ☒ 硕士/Master's ☐ 博士/Doctor's ☐ 其它/Others ☐

☒ 外国人体格检查记录（复印件）/ Foreigner Physical Examination Form (Photocopy).

☒ 来华学习计划/ Study Plan in China.

☒ 所发表的文章等/ Articles or Papers Published (Photocopy).

☐ 美术作品（本人作品彩照六张）、音乐作品（本人音乐作品盒式录音带一盘）（只限申请美术和音乐专业的申请人）/Examples of Art (6 color pictures) and Music (1 audio tape) Work (Only for the applicants applying for Fine Arts and Music).

☒ 其它附件（请列出）/Other Attachments (List Needed): Non criminal record, Internship certificate

注：每份申请材料最多不超过20页，请全部使用A4纸。

Each set of the complete materials should not exceed 20 pages. Please use DIN A4.

无论申请人是否被录取，上述申请材料恕不退还。

Whether the candidates are accepted or not, all the application materials will not be returned.

申请人保证/I Hereby Affirm That: .

1. 申请表中所填写的内容和提供的材料真实无误；

   All the information and materials given in this form are true and correct.

2. 在华期间，遵守中国的法律、法规，不从事任何危害中国社会秩序的、与本人来华学习身份不符合的活动；

   During my stay in China, I shall abide by the laws and decrees of the Chinese government, and will not participate in activities in China which are deemed to be adverse to the social order of China and are inappropriate to the capacity as a student.

3. 在学期间，遵守学校的校纪、校规，全力投入学习和研究工作，尊重学校的教学安排；

   During my study in China, I shall abide by the rules and regulations of the host university, concentrate on my study and researches and follow the teaching programs arranged by the university.

4. 按照规定参加重庆市人民政府外国留学生市长奖学金年度评审；

   I will go through the procedures of the Annual Review of Chongqing Municipal Government Mayor Scholarship as required.

5. 按规定期限修完学业，按期回国，不无故在华滞留；

   I shall return to my home country as soon as I complete my scheduled program in China and will not extend my stay unreasonably.

6. 我保证，未同时接受其它任何渠道的奖学金或资助；

   I declare that this is the only Scholarship I am applying for at present.

7. 如违反上述保证而受到中国法律、法规或校纪、校规的惩处，我愿意接受重庆市教育委员会中止或取消奖学金及其它相应的处罚。

   If I am judged by the Chinese laws, decrees and the rules and regulations of the university for having violated any of the above, I will not lodge any appeal against the decision of Chongqing Municipal Education Commission on suspending, withdrawing this scholarship or other penalties.

申请人签字/Signature of Applicant: _Rohma_   日期/Date: 10 - Mar - 2021

（无此签名，申请无效/The application is invalid without the applicant's signature)

I am interested in applying for a master degree in Computer Science because of my recent experience in my bachelor's final year project. I felt that image processing in AI/ML is an emerging field of computer Science. I want to do an MS Thesis on "Gastrointestinal tumors detection using Hyper Spectral image (HSI)". For many types of tumors, major noticeable symptoms appear later or in the middle stage of disease. Because they are difficult to detect at an early stage and start treatment accordingly previously there are some solutions present using computer aided systems to detect the Tumor or cancer in early stages gives the fact about the Gastrointestinal tumors. Computer Vision (CV) plays a vital Role to prevent gastric cancer. Since image processing is necessary for computer vision, further in medical image processing there are many technical steps which are necessary to improve the performance of medical diagnostic machines.

To detect cancer it is important to first locate the primary location of the tumor and their type and invasion stage. Nowadays, commonly used medical imaging techniques are X-ray, computed tomography (CT), magnetic resonance imaging (MRI), ultrasonography, and optical imaging. Both CT and MRI can take images in depth of the full body. But their imaging resolution is limited (~ approx 1mm). However some techniques are present which show the highest resolution but the rate of tumor detection is very low. objectives of this research is to achieve a broader spectral band and higher spectral resolution because it will provide richer information for tumor diagnosis and detection. We can achieve this objective by using HSI which is in the scope of optical imaging. The general method is to conduct in depth (microscopic) inspection of treated samples and define the stage of diseases according to changes in tissue/cell structures and distributions. Taking advantages of the composition-specific spectral markers, HSI can directly distinguish different cell types and tissue patterns in a label-free way. In addition, hyperspectral images contain much more information than common red, green, and blue (RGB) three-color images, leading to an improvement in the accuracy of diagnosis. HSI provide time and cost-effective detection, thus reduces patient's suffering and workload of surgeons. Compare to the laser-excited fluorescence used by many research groups to detect tumors, their is no need to inject fluorescent materials for HSI. Therefore the proposed method will improve the performance of machiens. The desire to acquire skills in computer science is a reason why I am attracted to the program. Secondly, the concern institutes are well known for its excellence in this field, complete with an accomplished faculty and modern research resources. Thirdly, I am also attracted by the program's inventiveness and uniqueness with students from various nations.