[redacted] **– Fall 2023**

Electrical and Computer Engineering (Thesis) – PHD

Student Bio

Sex: Male

Citizenship: International

Self-reported GPA

None

Institution Attended

[redacted]	Bachelor of Engineering: June/2023 (Unverified)	August/2019 - June/2023
[redacted]		August/2022 - May/2023

Test Score	Taken	Source
TOEFL - IBT [redacted]	11/2022	Self-reported Score
TOEFL - IBT [redacted]	11/12/2022	Official Score

Requirement	Completed	Waiver
Application Fee	12/15/2022	
Recommendation 1 [redacted]	12/16/2022	
Recommendation 2 [redacted]	12/29/2022	
Recommendation 3 [redacted]	12/16/2022	
Resume/CV	12/16/2022	
Statement of Purpose	12/16/2022	
Supplemental Information	12/29/2022	
Proof of English Proficiency	12/15/2022	
Unofficial Transcript: [redacted]		
Unofficial Transcript: [redacted]		

Document	Date	By
Recommendation 1 ([redacted]	12/16/2022	ADM-GRAD-REFERENCES
Recommendation 2 [redacted]	12/29/2022	ADM-GRAD-REFERENCES
Recommendation 3 [redacted]	12/16/2022	ADM-GRAD-REFERENCES
Resume/CV	12/16/2022	MY_UI
Statement of Purpose	12/17/2022	MY_UI
Statement of Purpose	12/16/2022	MY_UI
Supplemental Information	12/29/2022	PUB-ADMISSIONS
Admissions Application	12/15/2022	ADMUPLOAD
[redacted]	12/16/2022 01:21:15	MY_UI
[redacted]	12/16/2022 01:21:35	MY_UI

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13428316

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Professor/Director, Computational Intelligence Lab

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering MS

May we please have your opinion of the person who is applying for admission at the University of Iowa.

Please rate the applicant:

Highly Recommended

Academic Rank

How would you rate applicant's undergraduate academic rank among the students you have taught recently? Please write appropriate numbers below.

List number from the top:

8

List the number of students:

100

How long have you known the applicant?

2 yrs

In what capacity have you known the applicant?

Academic advisor

Attachment Type	Description	Uploaded By
Recommendation Letter		12/16/2022 03:35 AM

[redacted]

December 15, 2022

Re: Recommendation letter for [redacted]

To Whom It May Concern,

During the Spring of 2022, our department recruited several students from China to our certificate program in Electrical and Computer Engineering. [redacted] was one of such students I recruited during the effort. He came with a background in robotics and automation. He had a very good GPA and a good command of English. He will spend a year at [redacted] as a visiting student finishing the certificate program. He is now taking two graduate courses in addition to a senior design course at [redacted] and his performance in all these courses has been outstanding.

During his study at [redacted] he has shown great interest in further graduate studies. He is working with professors in the department on several projects and has received excellent remarks from professors. He has shown very good presentation skills at the class presentations at [redacted] He is doing very well in all his course work. He is very reliable and works hard. He is now interested in graduate study at your university and I believe he has a bright future if admitted to your graduate program. I therefore recommended him most highly to your program.

[redacted]

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13448150

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Clinical Assistant Professor

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering MS

May we please have your opinion of the person who is applying for admission at the University of Iowa.

Please rate the applicant:

Highly Recommended

Academic Rank

How would you rate applicant's undergraduate academic rank among the students you have taught recently? Please write appropriate numbers below.

List number from the top:

1

List the number of students:

25

How long have you known the applicant?

1 semester

In what capacity have you known the applicant?

During the class, the office hours, and some discussion out of the class

Attachment Type	Description	Uploaded By
Recommendation Letter		12/29/2022 07:33 AM

[redacted]

12/28/2022

To Whom It May Concern:

I am writing this letter of recommendation for a student of Electrical and Computer Engineering department at [redacted] to support his application for the admission as a graduate student. [redacted] is an enthusiastic student and it has been my very great pleasure to be his professor.

I have taught [redacted] in the courses 'Control Engineering' just in the Fall of 2022. In the course, [redacted] is as good in the students as the top 5%. Dedicated, disciplined and driven are three words that summarize my impression of the personality of Mr. [redacted] in the classroom. He has a natural curiosity, a keen sense of observation and desire to learn skills that are so incredibly important in almost any field. He is very polite and courteous. With a strong desire for learning, he always took notes very seriously and raised thought-provoking questions. He worked very independently and always completed assignments on time. Besides, he is not only quick at learning and good at solving difficult problems, but also with a logical mind that enables him to effectively analyze difficulties. His hard working, self-discipline and study ethic distinguished him as one of the distinguished students in the class. Actually, Mr. [redacted] was one also one of the few students in my class who went ìabove and beyondî when it came to research and presenting outside, unassigned readings into our class discussions.

Overall, Mr [redacted] is a well-rounded student who excels intellectually, with diligence, enthusiasm, and serious research attitude. I foresee a very bright future ahead for Mr. [redacted] and recommend him for your opportunity. Your favorable consideration of his admission will be highly appreciated. Please do not hesitate to contact me if you need any further information.

Yours sincerely,

[redacted]

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13431333

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Associate Professor

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering MS

May we please have your opinion of the person who is applying for admission at the University of Iowa.

Please rate the applicant:

Highly Recommended

Academic Rank

How would you rate applicant's undergraduate academic rank among the students you have taught recently? Please write appropriate numbers below.

List number from the top:

5-10

List the number of students:

100

How long have you known the applicant?

over 3 years

In what capacity have you known the applicant?

I was his course teacher

Attachment Type	Description	Uploaded By
Recommendation Letter		12/16/2022 08:54 PM

[redacted]

Dear Admissions Committee,

This is [redacted], Associate Professor from the [redacted]. I'm writing this letter with great pleasure to recommend [redacted] to your school. I have known [redacted] for 3 years. He took two courses with me: Robotics and Robot Control Components and Circuits. Among all the students in class, he surely stood out because he excelled at his coursework and possesses a strong innovative spirit.

One thing that [redacted] impressed me the most was his thirst for knowledge and talent. He was the most diligent student in my Robot Control Components and Circuits class and finished all projects with excellence. He came to my office hours every week to discuss academic questions or issues that interested him, such as various motors and fundamental issues of electronic components. He also loves to get to the root of the issues and has an open mind to learn. When he was interested in reinforcement learning theory, he often discussed the concepts with me and offered his own perspectives. To help him explore further in our field, I recommended him to read academic journals online and follow the most up-to-date research trend.

[redacted] is quite creative as well. In the Robotics course that I taught, I gave the class an assignment to design mechanical claws to perform the task of removing fishbone. He not only completed the design using relevant data through the existing knowledge but also directly modeled the organization in 3D. He was the only student to combine soft materials and miniature pressure sensors in the machine, which was exactly the key to the issue. I was really pleased.

[redacted] is an intelligent, driven young man with big ambitions for life. I am positive that he will succeed in his future studies and career. Should you need any further information, please feel free to contact me.

Yours sincerely,

[redacted]

[redacted]

EDUCATION BACKGROUND

[redacted]

Bachelor of Engineering in Robotics Sept 2019-Jun 2023 (Expected)

- Cumulative GPA: 3.47/4.0
- Relevant Courses: Robotics / Robot Vision and Image Processing / Software Design and Development Practice III / Cognition Practice / Course Design of Robot Simulation and Control / Robot Control Components and Circuits / Fundamentals of Computer Graphics / Large Data Intelligent Control

[redacted]

One-year Exchange Program in Electrical and Computer Engineering Aug 2022-May 2023 (Expected)

- Current GPA: 4.0/4.0
- Relevant Courses: ECE415 Image Analysis& Computer Vision / ECE451 Principles of Modern Control / ECE496 Undergraduate Senior Design

Scholarships & Honors:

- Social work scholarship in AY2019/20
- Outstanding Practice Individual of College Student Volunteers 2021

RESEARCH & INTERNSHIP

[redacted] Dec 2022-May 2023(Expected)

- Developing a Python web crawler to download real-time images from a website HPWREN
- Implementing tripod swin-transformer or other tripod networks for the HPWREN detection

[redacted] Jun 2022-Jul 2022

- Won the School-level Gold Award at the 8[redacted] Competition
- Unmanned internal inspection of large and complex equipment using a flexible snake-like robot with a camera on the front

[redacted] May 2021-May 2022

- Using lidar to realize 3D mapping and automatic navigation of specific scenes
- Systematic learning of ROS system related knowledge

EXTRACURRICULAR ACTIVITIES

[redacted] Oct. 2019-Jan. 2021

- Independently designed the emblem of the college which was selected by the committee
- Responsible for organizing the publicity and production of various activities of the college

[redacted]

Science and Technology Leader Jan. 2022-Aug. 2022

- Managed the scientific and technological innovation achievements, competition awards, and papers
- Collected and shared the resources of scientific and technological innovation competitions for class

ADDITIONAL INFORMATION

Computer Skills: C, C++, Python, ROS, Linux, Matlab, Simulink, Arduino, Solidworks, AutoCAD
Languages: English (proficient user), Mandarin Chinese (native speaker)

[redacted]

Statement of Purpose

Talent and Interest

To date, I have won more than a dozen awards in robotics competitions, including the Gold Medal in 2017 and the [redacted] in 2018 at the [redacted] International Open. These achievements give me the confidence to continue my master's study in *Electrical and Computer Engineering (specifically in robotics, controls, and signals)*. I will soon receive my bachelor's degree in *Robotics Engineering* from the [redacted] one of the well-known science and technology higher education institutions in [redacted]. My career ambition of becoming an expert in robotics and smart machines was initiated in junior high school and maintained throughout high school. Two significant events have sustained my interest and desire. One is my experience of participating in the National Computer-Controlled Robot Competition and [redacted]. I transformed a remote-controlled toy car into a fire-fighting robot in that competition. The other is joining the VEX robot team in high school. I autonomously designed the construction of robot hardware and wrote the modular programs that controlled the robot's movements. In a young boy's mind, I believe I have a talent in robotics and should really advance in higher education.

Course Learning in the Exchange Program

Studying abroad can change someone's course in life. Since September 2022, I have been an exchange student at the [redacted] I have enjoyed the learning environment of [redacted] and pleasantly discovered that I could pursue my passion for robotics in the US graduate school. Taking courses at [redacted] has helped narrow my study interest in control and signaling and machine learning, and I would like to further advance my theoretical knowledge base in that area. So far, in the [redacted] course *ECE 451 "Modern Control Theory,"* I systematically studied the Time-domain Analyzing Methods and Frequency-domain Analyzing Methods in classical control theory and the State Equation Methods and Digital Control Methods in modern control theory. As a result of achieving an overall score of 97.6/100 for this course, I can skillfully apply learned methods to design and adjust control devices. In *ECE415, "Image Processing and Computer Vision,"* I mastered the common digital signal processing methods and the filter design methods for image enhancement, noise reduction, image compression, and coding. For the course project, I wrote an academic report, "*Equiripple FIR Filter Design by the FFT Algorithm,*" which specifically explained how to use FFT and iterative algorithms to design a noise reduction filter. This method is especially suitable for processing two-dimensional or multi-dimensional signals.

Solid Research Skills

From May 2021 to May 2022, I worked at the Robotics & Autonomous Driving Lab at HIT to assist [redacted] with a LiDAR-based autonomous driving system. I used the Robotics Operation System (ROS) and the SLAM algorithm to complete the lab's 3D map with lidar. This experience laid a foundation for my later research with Professor Cetin at UIC. For the "Tonkla: Autonomous Driving System" senior design project, I used Raspberry Pi 3B as the main controller and built a vehicle model that could navigate itself. I combined the idea of Active SLAM, adopted a multi-layer structure, used the three-layer cost map of voxel_layer, inflation_layer, and static_layer to identify obstacles, and

adopted a path queue to generate multiple alternative paths at the same time. I used this method to set different evaluation criteria and weights to help the controller choose the optimal path and used the Rviz visual monitor to display 3D maps. The robotic car I built can achieve multi-functions that integrate mapping, positioning, automatic navigation, and obstacle avoidance, and my research was awarded UIC's Outstanding Senior Design.

At present, I am on [redacted] project for wildfire detection. Under his guidance, I have developed a Python web crawler to download real-time images from a website database called HPWREN; the model can accurately detect wildfires in real-time. My work is focused on implementing a tripod swin-transformer and other tripod networks (mobilenetv3, resnet, etc) and using imagenet pretrained weight for the HPWREN dataset wildfire detection.

Engineering Skills

In addition to research experience, I am proficient in C language programming, C++ programming, MATLAB, Python, Solidworks, and ROS, and I have practiced in many engineering projects. For example, In the robot simulation and control project, I designed the five-axis manipulator's mechanical structure and driver system, used MATLAB to analyze the forward and reverse kinematics and mathematical modeling, and completed the three-axis mechanical arm in the simulation software. I also completed the trajectory planning and dynamics simulation of the arm. Another example, in the robot innovation design project, with the inspiration of humanoid robots, I designed a self-balancing desktop humanoid robot that can stroll by using the PID control algorithm. In these experiences, I find robotic control to be profoundly fascinating.

Why the University of Iowa?

The University of Iowa attracts me for two primary reasons. First, I appreciate the university's complex yet operable curriculum. For example, I will learn more about the State space approach, one of the most commonly used control methods in modern times, through *ECE:5600*. I especially look forward to taking *ECE:5450 "Machine Learning"* because I am highly interested in this field now. Furthermore, the University of Iowa has a world-renowned faculty team that will lead me in the field of robotics research. I am inspired by Professor Xiaodong Wu's work on Algorithm Design, Analysis, and Implementation after reading his paper *" Optimal surface segmentation in volumetric images-a graph-theoretic approach."* He developed an optimal surface detection method capable of simultaneously detecting multiple interacting surfaces. I hope that I will have the chance to learn from Professor Wu. I am eager to embark on a wonderful learning journey at Iowa.

[redacted]

EDUCATION BACKGROUND

[redacted]

Bachelor of Engineering in Robotics Sept 2019-Jun 2023 (Expected)

- Cumulative GPA: 3.47/4.0
- Relevant Courses: Robotics / Robot Vision and Image Processing / Software Design and Development Practice III / Cognition Practice / Course Design of Robot Simulation and Control / Robot Control Components and Circuits / Fundamentals of Computer Graphics / Large Data Intelligent Control

[redacted]

One-year Exchange Program in Electrical and Computer Engineering Aug 2022-May 2023 (Expected)

- Current GPA: 4.0/4.0
- Relevant Courses: ECE415 Image Analysis& Computer Vision / ECE451 Principles of Modern Control / ECE496 Undergraduate Senior Design

Scholarships & Honors:

- Social work scholarship in AY2019/20
- Outstanding Practice Individual of College Student Volunteers 2021

RESEARCH & INTERNSHIP

[redacted] Dec 2022-May 2023(Expected)

- Developing a Python web crawler to download real-time images from a website HPWREN
- Implementing tripod swin-transformer or other tripod networks for the HPWREN detection

[redacted] Jun 2022-Jul 2022

- Won the School-level Gold Award at the 8th China International Internet and Innovation and Entrepreneurship Competition
- Unmanned internal inspection of large and complex equipment using a flexible snake-like robot with a camera on the front

[redacted] May 2021-May 2022

- Using lidar to realize 3D mapping and automatic navigation of specific scenes
- Systematic learning of ROS system related knowledge

EXTRACURRICULAR ACTIVITIES

[redacted]

Technical department member Oct. 2019-Jan. 2021

- Independently designed the emblem of the college which was selected by the committee
- Responsible for organizing the publicity and production of various activities of the college

[redacted]

Science and Technology Leader Jan. 2022-Aug. 2022

- Managed the scientific and technological innovation achievements, competition awards, and papers
- Collected and shared the resources of scientific and technological innovation competitions for class

ADDITIONAL INFORMATION

Computer Skills: C, C++, Python, ROS, Linux, Matlab, Simulink, Arduino, Solidworks, AutoCAD
Languages: English (proficient user), Mandarin Chinese (native speaker)

[redacted]

Graduate Applicant Supplement - Electrical & Computer Engineering 2020

Workflow ID: 13450067

First Name

[redacted]

Last Name

[redacted]

University ID

[redacted]

Applicant Program of Study

MS in Electrical & Computer Engineering

If applying for a master's degree, do you plan to continue in a doctoral program at The University of Iowa?

Yes

List any University of Iowa faculty with whom you have discussed your plans.

No Answer

Have you applied for admission to a UI graduate program within the last year?

No

If yes, for which session did you apply?

No Answer

Describe any research you have completed.

At present, I am on [redacted] project for wildfire detection. Under his guidance, I have developed a Python web crawler to download real-time images from a website database called HPWREN; the model can accurately detect wildfires in real-time. My work is focused on implementing a tripod swin-transformer and other tripod networks (mobilenetv3, resnet, etc) and using imagenet pretrained weight for the HPWREN dataset wildfire detection.

In what area(s) would you like to do research?

Machine learning, deep learning

For what career are you preparing?

AI Lab researcher

List relevant work or teaching experience

1) Please list: Job Title, Employer, Dates

No Answer

2) Please list: Job Title, Employer, Dates

No Answer

3) Please list: Job Title, Employer, Dates

No Answer

4) Please list: Job Title, Employer, Dates

No Answer

List the titles of any articles, publications, inventions, or creative work you have completed.

No Answer

List the academic honors, prizes, or awards you have received.

No Answer

List any professional licensure(s).

No Answer

List your participation in any extracurricular activities.

No Answer

List any organizations or community activities in which you have been active.

No Answer

Attachment Type	Description	Uploaded By
There are no current attachments		

[redacted] Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

Some online applications require the payment of an application fee. Any application fee can only be paid by Visa, Mastercard, or Discover.

Note: Your application has been submitted. You can review your application, but no further changes can be made.

A. Personal Information

Fields with a red asterisk(*) are required.

List your name as you would like it to appear on all University records. If you are an international student, you **MUST** list your name as it appears on your passport. (Submit a copy of your passport, if available, to The University of Iowa, 108 Calvin Hall, Iowa City, IA 52242-1396.) This is the name that must be used on all University of Iowa records.

*Last Name: [redacted]
(family or surname)

*First Name: [redacted]

Preferred First Name:

Middle Name:

Suffix:

Other Last Name(s) or Surname(s), if any, that may appear on transcripts, documents, scores, etc.

Other Last Name(s) or Surname(s):

*Sex: Male

Gender (select all that apply):

Click here for more information.

- [ ] Agender
- [ ] Cisgender
- [x] Man
- [ ] Non-binary

[redacted] Date Submitted: 12/15/2022 06:02:44 CST

- [ ] Transgender
- [ ] Woman
- [ ] Another gender not listed above
- [ ] Prefer not to answer

*Country of Citizenship: [redacted]

*Are you a permanent resident (green card holder) of the U.S.? ○ Yes ◉ No

List your current immigration status, if applicable: F-1 Student visa

If other, please specify:

*Which immigration status do you intend to hold while enrolled at The University of Iowa: F-1 Student visa

If other, please specify:

Country of Legal Permanent Residence:
(if country of citizenship differs from your country of legal permanent residence)

*What is your first language: Mandarin Chinese

Describe the preparation and proficiency you have in other languages (please be specific): English proficient user, currently studying at [redacted]

Agency:

If your application is being submitted as part of an approved Sponsoring Agency or through an official University of Iowa Exchange Program please indicate.

Social Security Number: (nnnnnnnnn)

Your Social Security Number will be used to verify your identity for record-keeping purposes and to help match transcripts and other materials with your admission application. It will not be used as your University ID number. Social Security number is required if you plan to apply for financial aid through The University of Iowa Office of Student Financial Aid. Your Social Security Number will be safeguarded by the University and will not be displayed on official records or made available to others.

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

*Birthdate: [redacted]

*Birth City:

Birth State (if U.S.):

*Birth Country:

Phone: ___ - ___ - ___ (US)
___ (International)

Cell Phone: [redacted]
___ (International)

Alternate Phone: ___ - ___ - ___ (US)
___ (International)

*Do you authorize The University of Iowa to send you text messages about important information and deadlines? (•) Yes ( ) No

*Email: [redacted]

The Office of Admissions uses email as an official means of communication regarding your application and admissions status. Be sure your email is entered correctly.

Current mailing address

You will receive correspondence at your current mailing address from August 15 through May 15.
From May 16 through August 14 your home address will be used.
International students will receive correspondence at their current mailing address at all times.
Complete the addresses below as you would address an envelope to be mailed to yourself.
International students residing in the United States must give a non-PO Box Address.
If your address changes, please notify the Office of Admissions and the department.

*Address Line 1: [redacted]

Address Line 2:

*City:

*State (if U.S.):

*Zip (if U.S.):

[redacted] Date Submitted: 12/15/2022 06:02:44 CST

Foreign Postal Code:

* Country: UNITED STATES

Foreign Province:

Home (permanent) address

* Address Line 1:

Address Line 2:

* City:

State (if U.S.):

Zip (if U.S.):

Foreign Postal Code:

* Country:

Foreign Province:

Permanent Address (Outside the U.S.)

* Address Line 1:

Address Line 2:

Address Line 3:

* City:

Foreign Province:

Foreign Postal Code:

* Country:

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

B. Admission Information

Note: Your application has been submitted. You can review your application, but no further changes can be made.

* For which session are you applying? Be sure to check your program's deadline.	Fall (August)	2023

List your intended department or graduate program of study and your entering degree objective. You may apply to only one program unless you are applying to a Combined Degree Program.

* Department or Program:	Electrical and Computer
Area of interest or specialization:	
* Degree:	MS

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

C. Education Information

Note: Your application has been submitted. You can review your application, but no further changes can be made.

List all post-secondary institutions (undergraduate, graduate or professional level) you have attended or in which you are currently enrolled. Be sure to read the application instructions for pertinent information about transcripts.

College 1 Information

College Code:

Name of Institution:

City:

State:

Country:

[redacted]

Dates of Attendance: August 2019 - June 2023

Include anticipated begin and end dates. Note: Your end date should not go past your anticipated starting date at Iowa.

List any earned or expected to earn major(s), degree(s) and degree date(s) from college 1 before enrolling at Iowa.

Major: Robotics Engineering

Degree: Bachelor of Engineering

Date: June 2023 (yyyy)

Major:

Degree:

Date: (yyyy)

Major:

Degree:

Date: (yyyy)

College 2 Information

College Code:

Name of Institution:

City:

State:

[redacted]

[redacted] Date Submitted: 12/15/2022 06:02:44 CST

Country: [redacted]

Dates of Attendance: August 2022 - May 2023

Include anticipated begin and end dates. Note: Your end date should not go past your anticipated starting date at Iowa.

List any earned or expected to earn major(s), degree(s) and degree date(s) from college 2 before enrolling at Iowa.

Major:
Degree:
Date: (yyyy)
Major:
Degree:
Date: (yyyy)
Major:
Degree:
Date: (yyyy)

Provide your undergraduate and graduate cumulative grade-point average (GPA) and grading scale. As an international student, if you attended a US institution for Undergraduate or Graduate study, please complete this section. Otherwise, please leave this section blank.

Undergraduate GPA: Scale:

Graduate GPA: Scale:

For example, 3.22 on a 4.00 scale. If your institution did not use a 4.00 grading scale, provide your overall grade average and the scale used (e.g., 8.5 on a 10 scale, 65% on a 100 scale; Second Class First Division).

Standardized Test Information

Applicant should check program requirements prior to application submission. Not all exams are required for all programs.

GRE Information

Date taken/planned: (yyyy)
Verbal score:
Quantitative score:
Analytical writing score:
Subject test:
Subject score:

GMAT Information

Date taken/planned: (yyyy)

[redacted] Date Submitted: 12/15/2022 06:02:44 CST

Verbal score:	
Verbal score %:	
Quantitative score:	
Quantitative score %:	
Total score:	
Integrated Reasoning score:	
Integrated Reasoning score %:	
Analytical writing score:	

TOEFL Information

Date taken/planned:	November 2022 (yyyy)
Exam Type:	Internet-based
Listening score:	19
Writing score:	23
Reading score:	22
Speaking score (if applicable):	24
Total score:	88

IELTS Information

Click here for more information.

Date taken/planned:	(yyyy)
Listening score:	
Reading score:	
Writing score:	
Speaking score:	
Total score:	

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

D. Residency Information

Note: Your application has been submitted. You can review your application, but no further changes can be made.

This section is for domestic students only. Please proceed to Section E.

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

E. Additional Information

Note: Your application has been submitted. You can review your application, but no further changes can be made.

Please select the best relationship description and highest level of education attained for your parents or guardians by whom you were raised. This question allows the University of Iowa to better identify first-generation college students. A first-generation student is a student who does not have a parent or legal guardian who has earned a 4-year degree (e.g. B.A., B.S.). The University of Iowa aims to celebrate and support students who are the first in their family. Learn more about First Generation Students and Initiatives at Iowa.

* Parent/Guardian Relationship 1:	Mother
* Parent/Guardian Education Level 1:	Bachelors degree or equivalent
Parent/Guardian Relationship 2:	Father
Parent/Guardian Education Level 2:	Bachelors degree or equivalent
How did you learn about The University of Iowa?	

[redacted]

Date Submitted: 12/15/2022 06:02:44 CST

Graduate College Application for Admission

F. Certification

Note: Your application has been submitted. You can review your application, but no further changes can be made.

By entering my name below I certify that to the best of my knowledge all the information given on this application is correct and complete, and I understand that any omission or misinformation concerning enrollment in other colleges or universities or any other material omission or misinformation may void my admission or result in dismissal.

* Name: [redacted]

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, creed, color, religion, national origin, age, sex, pregnancy, disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, associational preferences, or any other classification that deprives the person of consideration as an individual. The university also affirms its commitment to providing equal opportunities and equal access to university facilities. For additional information on nondiscrimination policies, contact the Director, Office of Equal Opportunity and Diversity, the University of Iowa, 202 Jessup Hall, Iowa City, IA, 52242-1316, 319-335-0705 (voice), 319-335-0697 (TDD), diversity@uiowa.edu.
The University requests this information for the purpose of processing your application for admission. Persons outside the University are not routinely provided this information except for directory information, such as name and local address. Although responses to items marked "optional" are optional, responses to all other items are required in order for us to take action.

[redacted]

Name: [redacted]

University Number: [redacted]

Course Level: Undergrad Non-Degree [redacted]

Date Issued: 15 - DEC - 22

Day/Month of Birth: 09 - JAN

SUBJ NO. COURSE TITLE CRED GRD PTS
R

INSTITUTION CREDIT:

Fall 2022 - [redacted]
Engineering
UG Contract Coursework - ENGIN
ECE 415 Imag Analysis & Compt Visn I 4.00 A 16.00
ECE 451 Priniciples of Modern Con
ECE 496 Undergrad Sen Design Thes
ELSI 091 English for Specific Fiel
Ehrs: 16.00 GPA-Hrs: 16.00 QPt
********** TRANSCRIPT TOTAL
Earned Hrs GPA Hrs
TOTAL INSTITUTION 16.00 16.00
********** END OF TRANSCRIP

[redacted]

[redacted]

[redacted]

Institute(Dep[redacted]

Name	[redacted]	Sex	Male	Schooling	4 years	[redacted]
Date of Birth		Date of Admission	[redacted]			
Degree Obtained		Graduation Date				
Remarks						

Course	Exam Date	Periods	Credits	Record	Course Nature	Course	Exam Date	Periods	Credits	Record	Course Nature
Military Training and Military Theory	19Fall	3 weeks	3	88	Compulsory	College Computer	19Fall	32	2	83	Compulsory
Ideological and Moral Cultivation and Legal Basis	19Fall	40	2.5	87	Compulsory	General English B2	19Fall	32	1.5	82	Compulsory
Calculus A (1)	19Fall	104	6.5	78	Compulsory	Linear Algebra and Analytic Geometry	19Fall	64	4	84	Compulsory
Oceans and Global Environmental Change	19Fall	24	1.5	90	Optional	Engineering Graphics A (1)	19Fall	40	2.5	92	Compulsory
Introduction to The Profession	19Fall	24	1	90	Compulsory	Physical Education	19Fall	32	1	89	Compulsory
Moral Education and Law Fundamentals: Practical Part	20Spring	8	0.5	88	Compulsory	Career Planning and Career Guidance Courses	20Spring	16	1	87	Optional
C Programming Language	20Spring	48	3	86	Compulsory	Outline of Modern and Contemporary Chinese History	20Spring	40	2.5	85	Compulsory
Situation and Policy (1)	20Spring	8	0.5	92	Compulsory	Innovative Practices in 3D Printing	20Spring	36	1.5	85	Optional
General English B2	20Spring	32	1.5	79	Compulsory	Calculus A (2)	20Spring	104	6.5	90	Compulsory
Probability Theory and Mathematical Statistics	20Spring	48	3	67	Compulsory	Engineering Graphics A (2)	20Spring	64	4	90	Compulsory
Fundamentals of Computer Graphics	20Spring	36	2	97	Compulsory	Physical Education	20Spring	32	1	90	Compulsory
Olympic Sports	20Spring	16	1	85	Optional	College Physics A(1)	20Spring	88	5.5	70	Compulsory
Foreign Trade and The Rise of China	20 Summer	16	1	84	Optional	Mechanical Product Innovation Design and Simulation	20 Summer	2 weeks	2	95	Compulsory
Outline of Chinese Modern History: Practical Part	20Fall	8	0.5	92	Compulsory	Introduction to Basic Principles of Marxism	20Fall	48	3	83	Compulsory
Dance basics and appreciation	20Fall	16	1	84	Optional	Electrotechnics	20Fall	60	4	78	Compulsory
Electrotechnics Experiment	20Fall	16	0.5	89	Compulsory	Academic English Reading and Writing	20Fall	32	1.5	82	Compulsory
Function of Complex Variable and Integral Transform	20Fall	48	3	78	Compulsory	Discrete Mathematics	20Fall	32	2	77	Compulsory
Engineering Mechanics	20Fall	56	3.5	72	Compulsory	Engineering Mechanics Experiments	20Fall	12	0.5	90	Compulsory
Engineering Training	20Fall	2 weeks	2	80	Compulsory	Physical Education	20Fall	32	0.5	83	Compulsory
College Physics A (2)	20Fall	64	4	72	Compulsory	College Physics Experiment A (1)	20Fall	36	1.5	72	Compulsory
Introduction to Mao Zedong Thought and Socialism Theoretical System with Chinese Characteristics	21Spring	64	4	81	Compulsory	Situation and Policy (2)	21Spring	8	0.5	91	Compulsory
Electronic Technology	21Spring	60	4	72	Compulsory	Electronic Technology Experiment	21Spring	16	0.5	92	Compulsory
College English Writing	21Spring	32	1.5	74	Compulsory	Fundementals of Mechanical Design	21Spring	48	3	81	Compulsory
Fundementals of Interchangeability and Measurement Technology	21Spring	24	1.5	74	Compulsory	Data Structure and Algorithmic Design	21Spring	32	2	77	Compulsory
Principle and Experiments of Single Chip Microcomputer Characteristics	21Spring	24	1	93	Compulsory	Introduction to Artificial Intelligence	21Spring	16	1	95	Limited
Project Design in Fundementals of Mechanical Design	21Spring	2 weeks	2	95	Compulsory	Experiment of Machine Design Fundamentals	21Spring	10	0.5	85	Compulsory
Experiment of Interchangeability and Measurement Technology	21Spring	10	0.5	88	Compulsory	Physical Education	21Spring	16	0.5	87	Compulsory
College Physics Experiment A (2)	21Spring	24	1	70	Compulsory	The Art of Communication in Interpersonal Communication	21Spring	24	1.5	87	Optional
Innovative robot design and production	21 Summer	2 weeks	2	93	Limited	Software Design and Development Practices II	21 Summer	2 weeks	2	87	Limited
Introduction to Mao Zedong Thought and Theoretical System of Socialism with Chinese Characterisetics Practical Part	21Fall	16	1	86	Compulsory	Principles of Computer Organization	21Fall	52	3	65	Compulsory
Situation and Policy (3)	21Fall	8	0.5	92	Compulsory	Automatic Control PrincipleC	21Fall	52	3	90	Compulsory
Mechanical Engineering Materials	21Fall	32	2	93	Compulsory	Fluid and Thermal Basis	21Fall	32	2	73	Compulsory
Robot Perception Technology	21Fall	32	2	91	Compulsory	Robot Control Components and Circuits	21Fall	48	3	87	Compulsory
Overview of Robot Control Method	21Fall	32	2	85	Compulsory	Pattern Recognition	21Fall	32	2	85	Limited
Robot Disassembly Experiment	21Fall	1 week	1	65	Compulsory	Fundementals of Mechanical Manufacturing Technology	22Spring	40	2.5	74	Compulsory
Robotics	22Spring	48	3	85	Compulsory	Principle of Embedded System	22Spring	32	2	77	Compulsory
Robot Vision and Image Processing	22Spring	32	2	83	Compulsory	Software Design and Development Practice III	22Spring	2 weeks	2	92	Compulsory
Large Data Intelligent Control	22Spring	32	2	85	Compulsory	Experiment of Machinery Manufacturing Technology	22Spring	10	0.5	83	Compulsory
Cognition Practice	22Spring	1 week	1	93	Compulsory	Course Design of Robot Control System	22Spring	2 weeks	2	92	Limited
Course Design of Robot Control Principle	22Spring	2 weeks	2	90	Limited	German-speaking society and culture	22Spring	32	2	80	Optional
Appreciation of Science Fiction Movies	22Spring	24	1.5	95	Optional	Course Design of Robot Simulation and Control	22Spring	3 weeks	3	95	Compulsory
Embedded System Practice	22Spring	2 weeks	2	92	Compulsory						

Total Credits in All Academic Years	167.5	Total Compulsory Credits in All Academic Years	144.5	GPA: 3.47/4.00	[redacted]
Total Limited Credits in All Academic Years	11.0	Total Optional Credits in All Academic Years	12.0		

[redacted]

Date: July 26, 2022