[redacted] – Fall 2023

Electrical and Computer Engineering (Thesis) – PHD

Student Bio

Sex: Male

Citizenship: International

Self-reported GPA

Undergraduate: 3.48/4.0

Institution Attended

[redacted]	bachelor of Science: February/2023 (Unverified)	August/2018 - February/2023

Test Score		Taken	Source
TOEFL - IBT	Rdg: 23 Lst: 25 Spk: 18 Wrt: 19 Total: 85	11/2022	Self-reported Score
TOEFL - IBT	Rdg: 23 Lst: 25 Spk: 18 Wrt: 19 Total: 85	11/19/2022	Official Score

Requirement	Completed	Waiver
Application Fee	12/13/2022	
Recommendation 1 ([redacted]	12/15/2022	
Recommendation 2 [redacted]	12/14/2022	
Recommendation 3 ([redacted])	12/15/2022	
Resume/CV	12/15/2022	
Statement of Purpose	12/15/2022	
Supplemental Information	12/15/2022	
Proof of English Proficiency	12/13/2022	
Unofficial Transcript: [redacted]		

Document	Date	By
Recommendation 1 ([redacted])	12/15/2022	ADM-GRAD-REFERENCES
Recommendation 2 ([redacted])	12/14/2022	ADM-GRAD-REFERENCES
Recommendation 3 ([redacted])	12/15/2022	ADM-GRAD-REFERENCES
Resume/CV	12/15/2022	MY_UI
Statement of Purpose	12/15/2022	MY_UI
Statement of Purpose	12/15/2022	MY_UI
Supplemental Information	12/15/2022	PUB-ADMISSIONS
Admissions Application	12/13/2022	ADMUPLOAD
[redacted]	12/13/2022 04:38:56	MY_UI

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13425097

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Professor

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering PHD (Thesis)

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

Please rate the applicant:

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:

15 percent

List the number of students:

35

How long have you known the applicant?

3 years

In what capacity have you known the applicant?

thesis adviser

Attachment Type	Description	Uploaded By
Recommendation Letter	He is eligible to attend further educational program	12/15/2022 07:16 AM

To whom it may concern :

This letter of recommendation is written upon the request of [redacted] has been my student in the course " Environmental Pollution " in which his grade was among the top 15percent in a class of 35 students. I also was acting as his thesis adviser in which he worked on the design of discharge system for a water desalination system in a location on the Persian Gulf and the sea of Oman shore area. He is willing to continue his study toward PhD , and I am confident that he will have a successful performance if he is accepted in any respectful institute.

[redacted]

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13421866

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Professor

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering PHD (Thesis)

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:

Top 5%

List the number of students:

100

How long have you known the applicant?

3 years

In what capacity have you known the applicant?

Course professor

Attachment Type	Description	Uploaded By
Recommendation Letter		12/14/2022 09:16 AM

To whom it may concern:

It is with enthusiasm and enjoyment that I am writing to recommend [redacted], regarding his application to your graduate program. I have known [redacted] from my undergraduate courses "Strength of materials I and II"; she was among the best students in both classes (marks: 17.0 and 19.0 out of 20.0, respectively). I came to know [redacted] through discussion about the course subject both inside and outside of the class. I found him calm, very disciplined, and hard working. With regard to his application to your graduate program, I have no doubt that he deserves it and will do a great job. Therefore, I recommend him without any reservations.

Respectfully,

[redacted]

Graduate Applicant Recommendation - Electrical and Computer Engineering

Workflow ID: 13425207

Recommender

First Name

[redacted]

Last Name

[redacted]

Title

Assistant Professor

Institution/Organization

[redacted]

Applicant

First Name

[redacted]

Last Name

[redacted]

Applicant Program

Electrical and Computer Engineering PHD (Thesis)

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%

List the number of students:

200

How long have you known the applicant?

4 years

In what capacity have you known the applicant?

Professor/Instructor

Attachment Type	Description	Uploaded By
Recommendation Letter		12/15/2022 08:14 AM

[redacted]

To whom it may concern:

I am writing this letter to recommend my dear student, [redacted] for your graduate program. I have known [redacted] for more than four years. He was my student in the course "Mechanical Engineering Graphics" with excellent performance. As his professor, I have had the opportunity to observe his activity and interaction in class and found him intelligent, inquisitive, and energetic.

During his time in my class, [redacted] demonstrated creativity and determination; Computer-aided modeling with engineering software, which is the goal of my class, requires insight, ingenuity, and enthusiasm and he has proven to accomplish all of these characteristics in his class projects; [redacted] makes use of modeling tools, such as SolidWorks, with confidence and inventiveness and a great deal of attention to details. Besides his aptitude for learning, made him invaluable contributions during the class activities.

I have reviewed his academic performance and found him to be a smart and diligent student with the potential to excel. For this reason, I used his ability as a teaching assistant for one semester. During this time, his good relationship with students, ability to team-work, and timely manner had turned him into a very valuable element for us. [redacted] personal qualities in the field of study he focused to pursue, will make him a distinguished asset to your program.

In summary, I believe he has the requirements to be successful in areas of his research interest. Thus, I would strongly recommend him for graduate studies at your institute.

Should you need further information, please feel free to contact me.

Sincere,

[redacted]

[redacted] [redacted]

Department of Mechanical Engineering, [redacted]

Education

- [redacted] [redacted]
  B.Sc in Marine Engineering; GPA: 16.52/20.0 (GPA: 3.48/4.0)(Last 4 semesters GPA: 3.9/4.0) *2018-Expected 2022*
  Ranked 4th among more than 20 marine engineering students in my class

- [redacted] [redacted]
  Diploma; GPA: 19.89/20 (GPA: 4.0/4.0) *2014-2017*
  Ranked in Top 1% nationwide among more than 250,000 participants in [redacted] Mathematics group

Research Experience

- **Internship** [redacted]
  Research assistant *summer 2021*
  - **Online Monitoring of Fish Farm:** : Using YOLO V7 and MOT algorithm for fish dataset I developed a program which outputs some information about input video of fish farm, including count,size,velocity,color and number of different species. Then with the obtained data of chemical measuring sensors,I created dataset of these mentioned parameters in order to predict the count of fish in specific periods

- **Internship** [redacted]
  Research assistant *spring 2022 - summer 2022*
  - **Develop an Algorithm for Emotion Detection for TABAN robot:** In this Project using Open-CV and YOLOV7 I develop an algorithm which enable the Taban robot to recognize emotion of people by their face by their face gesture and their speech.

- **Work Experience** [redacted] [redacted]
  - **Diagnosing Brain Tumors** : The suggested algorithm in the articles uses Random Forest-based learning transfer to SVM classifier for the segmentation of brain tumors. The problem with this method is its low accuracy. I used K-Means clustering for initial classification, and then it was the input of our Random Forest algorithm, which provided remarkable results, and the accuracy of the model increased surprisingly.

- **B.Sc Project** [redacted] [redacted]
  fall 2021 - summer 2022
  - **Design and Simulation of a Marine Floating Farm with the Ability of fish farming and plant cultivation :** We designed a Floating Farm that could withstand harsh condition of Gulf of Oman. We first designed a structure in Solidworks and then we determined the vibration modes of the structure using Matlab. Then we used OrcaFlex and Star-Ccm+ to design mooring system and calculating force of wind, current and wave and motion of the structure.

Academic Projects

- **Prediction of Pneumonia in Chest X-Ray** spring 2022
  - This project goal was predicting Pneumonia from a given Dataset
- **SVM Algorithm for Classifying** spring 2022
  - In this project, by using SVM and different Kernel, Classification have been done in a given Dataset
- **Movie Classifier Using Decision Tree Algorithm** spring 2022
  - In this project was about using Decision Tree to classify of Movies in a given Dataset
- **Designing Road Mapping System for a PUMA and a SCARA Robot** fall 2022
  - Robotics ,Prof. [redacted] (Designing Road Mapping and Path Generation-Obstacle Avoidance system)
- **Designing a PID Controller System for Motions of Joints in a SCARA Robot** fall 2022
  - Robotics ,Prof. [redacted]
- **Tuning PID Controller for Ball & Beam system with first order approximation-based method** fall 2021
  - Fundumental of Auto Control Design ,Prof. [redacted]
- **Tuning PID Controller with Neural Network for Magnetic Levitating Ball System** fall 2021

- Fundumental of Auto Control Design [redacted]

- **Design a PID Controller for a Wheeled Inverted Pendulum** spring 2021
  - Atuo Control [redacted]
- **Analysis and Simulation of a Pressing Machine and Design of an Appropriate Flywheel** fall 2021
  - Dynamics of Machinery ,Prof. [redacted]
- **Simulating Motions and Forces of an Excavator and a Power Hacksaw in Simscape MATLAB** fall 2021
  - Dynamics of Machinery ,Prof. [redacted]
- **Predict the number of injected Corona Vaccines with Machine Learning Algorithms** fall 2021
  - Mecchine Learning Course
- **Simulate the Contact of Two Balls with Different Angles in MATLAB** fall 2019
  - Mechanical Engineering Dynamics ,Prof. [redacted]
- **Designing a Support Base for a Cooling Tower and a Shaft for a Textile Machine** spring 2021
  - Machine Element Design 1 ,Prof. [redacted]
- **Design My Personal Laptop and Computer Mouse in Solidworks** spring 2019
  - Mechanical Engineering Graphics ,Prof. [redacted]
- **Designing a Support Base for a Given Cooling Tower** spring 2021
  - Machine Element Design 1 ,Prof. [redacted]

Selected Courses

- **Fundamental of Electrical Engineering** [Prof. [redacted] 20./20.0
- **Auto Control** [Prof. [redacted] 18.0/20.0
- **Dynamics of Machinery** [Prof. [redacted] 18.6/20.0
- **Measurement and Control System** [Prof. [redacted] 17.2/20.0
- **Machine Learning (non-academic/online course)** [Prof. [redacted] 95/100
- **Robotics** [Prof. [redacted] ongoing
- **Applied Machine Learning(master course)** [Prof. [redacted] [redacted]
- **Machine Learning** [Prof. [redacted] audited
- **Neural Network and Deep Learning** [Prof. [redacted]] audited
- **Computer Vision** [Prof. [redacted] audited

Research Interests

- **Applied Machine Learning, Artificial Neural Network and Data Analytics**
- **Robotics and Mechatronics**
- **Computer Vision**
- **Medical Image Processing**
- **Human-Robot and Human-Computer Interaction**
- **Pattern Recognition**
- **Computer-Aided Design**

Teaching Experience

- **Teacher Assistant of Dynamics of Machine**
  [redacted]
- **Teacher Assistant of Mechanical Engineering Graphics**
  [redacted]
- **Teacher Assistant of Fundamental of Offshore Engineering**
  [redacted]
- **Teacher Assistant of Dynamics of Machine**
  [redacted]
- **Teacher Assistant of Structure Analysis**
  Lecturer: Prof. [redacted]

[redacted]

Honor

- Ranked 4th among student in my field in 2021,2022

Skills

- **Programming Languages:** C, Python(Numpy, Matplotlib, OpenCV,sklearn,pytorch), Matlab,ROS
- **Simulation:** Simulink(SimMechanic)
- **softwares:** Solidworks, Catia, Microsoft office
- **Sufficiently familiar with:** Machine Learning, Neural Network,Computer Vision

Languages

- **Persian:** Native
- **English:** Full Professional(Scored 85 out of 120 on Toefl iBT)

Extracurricular Activities

- **Head of Central Council of Sharif Green Society (Student Community of Environmentalists)** 2019-2021
- **Member of Students' Guild Council of Mechanical Engineering Department** 2018-2020
- **Member of Mehvar Student Scientific Association of Mechanical Engineering Department** 2020-2021

In high school, I found some courses like physics fascinating. So, it motivated me to pursue my academic journey in a Mechanical Engineering major. I participated in the most challenging university entrance exam in [redacted] and got admitted to the [redacted], the most prestigious university in [redacted] majoring in Marine Engineering. It is noteworthy to mention that my major includes almost all the Mechanical Engineering courses except just a few, so I am technically studying Mechanical Engineering.

The first two years of university were not as great as I hoped to be, I passed some general courses, which I liked studying, but I was not fulfilled and felt something missing. In the fourth semester, during a workshop held by Prof. [redacted] the manager of the HCI Laboratory, I got familiar with Machine Learning and Computer Vision, which was interesting to me. I started reading, searching, and participating in webinars and workshops pertinent to Machine Learning and Computer Vision to increase my knowledge. I realized that these subjects are so applicable in all fields and include many aspects of our life.

Later in my third and fourth years of university, I took courses like Machine Learning, Neural Networks, Computer Vision, and Robotics. Conducting various projects in these courses helped me realize I'm not only so interested in these subjects, but I am also truly good at them. I want to mention that, because of our universities policy, I was restricted to the limited department to take courses. So, I audited courses like Computer Vision, Machine Learning, and Neural Networks from the Electrical and Computer Engineering Department.

I got an internship to learn more about research, be a researcher, and increase my academic skills. My first internship was about online monitoring in fish farm cages. This project was about Measuring and Controlling four vital variables of fish farm conditions to optimize fish growth in real time. We used Computer Vision and Machine Learning for this project, and it was great for the low depth. But the problem was, as we dive deeper, light vanishes. Therefore we used a sonar system and developed a Machine Learning algorithm for this depth. Considering these two algorithms simultaneously, we were able to monitor the variables for all the cages.

My experience in the former internship was so delightful. So, I decided to work on similar topics for my second internship. During my second internship in the HCI Laboratory at our university, I developed an algorithm to recognize the Emotion of people for the TABAN Robot. We realized the feeling with gestures on people's faces and their speech. This project helped me to increase my proficiency in Computer Vision, Neural Networks, and Robotics, and also I learned how to work with ROS. We implemented different scenarios using ROS.

At the end of my undergraduate, I engaged in the Biomedical Image Analysis and Medical Robotics Laboratory. The project that I was responsible for was about Diagnosing Brain Tumors. The suggested algorithm in the articles uses Random Forest-Based Learning transfer to SVM classifier for the segmentation of Brain Tumors. The problem with this method is its low accuracy. It was so challenging for me to improve the algorithm, but after searching and reading so many articles, I came up with a novel idea. I used K-Means clustering for initial classification. This method helped to classify better and faster and raised the algorithm's sensitivity surprisingly. We also used the Markov Chain method and Neural Network, and the result of our algorithm was remarkable.

Along with my courses and projects, I wanted to deepen my knowledge, so I got involved in teaching activities and obtained some teaching experience. I have been the Teaching Assistant for several fundamental undergraduate courses Five times. I earned invaluable teaching experience through these activities. My involvement in the teaching activities was not just for the experience; I enjoyed my work.

The strong interaction between academia and industry, which provides students with various career and innovative research opportunities, as well as distinguished faculty members, are factors that have motivated me to opt for the University of Iowa for the Ph.D. program.

During my undergraduate studies, almost all my projects and internships were about Machine Learning, Deep Learning, Robotics, and Image Processing. Therefore, I believe I can pursue my professional goal in the Electrical and Computer Engineering Department grater since I am well-match with remarkable faculty members of this department and the programs.

The Electrical Engineering Dept. at the University of Iowa provides a unique multidisciplinary environment because it has an exceptional relationship with other departments and facilities. I believe the most crucial thing in graduate experience is finding a well-matched mentor and laboratory. But still, much of the richness of the graduate experience will come from the laboratories next door and connections with other graduate students. This is precisely what the Electrical and Computer Engineering Dept. at the University of Iowa offers to students. In my search for a well-matched supervisor, I found Prof. Kishlay Jha who focused on Data Mining and Machine Learning which was so fascinating. After contacting him, he invited me to interview. In the interview that we had, after a great discussion about my background, He encourage me to apply. Also, I want to mention Prof. Milan Sonka who works on Medical Image Analysis and according to my background and my research interests, I'm so enthusiastic to work in his lab. Besides, I like to mention Prof. Reinhard R. Beichel whose working on Medical Image Analysis and graphics and Efficient interactive segmentation methods and I'm really eager to work with him. I believe that the program offered will help me reach my full potential as a researcher. It would, therefore, be a privilege to pursue graduate studies at the University of Iowa. I am confident that I will match the high standards set by your university.

Sincerely yours,

[redacted]

Graduate Applicant Supplement - Electrical & Computer Engineering 2020

Workflow ID: 13426659

First Name

[redacted]

Last Name

[redacted]

University ID

[redacted]

Applicant Program of Study

Ph.D. in Electrical and Computer Engineering

If applying for a master's degree, do you plan to continue in a doctoral program at The University of Iowa?
No Answer

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

I want to mention Prof. Kishlay Jha who focused on Data Mining and Machine Learning which was so fascinating. After contacting him, he invited me to interview. In the interview that we had, after a great discussion about my background, He encourage me to
apply.

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.

No Answer

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

Machine Learning and Deep Learning, Computer Vision, Medical Image Processing, Robotics

For what career are you preparing?

No Answer

List relevant work or teaching experience

1) Please list: Job Title, Employer, Dates

Research and Developer of Biomedical Image Analysis and Medical Robotics Laboratory in the last four months. I was responsible to developed an algorithm for Diagnosing Brain Tumors.

2) Please list: Job Title, Employer, Dates

I was a Teaching Assistant Five times.
1. Teacher Assistant of Dynamics of Machine
2. Teacher Assistant of Mechanical Engineering Graphics
3. Teacher Assistant of Fundamental of Offshore Engineering
4. Teacher Assistant of Dynamics of Machine
5. Teacher Assistant of Structure Analysis

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.

Ranked 4th among students in my field in 2021,2022

List any professional licensure(s).

No Answer

List your participation in any extracurricular activities.

1. Head of Central Council of [redacted] Green Society (Student Community of Environmentalists)
2. Member of Students' Guild Council of Mechanical Engineering Department
3. Member of Mehvar Student Scientific Association of Mechanical Engineering Department

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: 12/13/2022 12:29:02 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: [redacted]

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

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

*Country of Citizenship:

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

List your current immigration status, if applicable:

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: persian

Describe the preparation and proficiency you have in other languages (please be specific). english

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.

*Birthdate:

(yyyy)

*Birth City:

Birth State (if U.S.):

*Birth Country:

Phone: - - (US)
(International)

Cell Phone: - - (US)
(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:

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:

Address Line 2:

*City:

State (if U.S.):

Zip (if U.S.):

Foreign Postal Code:

* Country:

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: 12/13/2022 12:29:02 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:	PHD (thesis)

[redacted]

Date Submitted: 12/13/2022 12:29:02 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:	[redacted]
Name of Institution:	[redacted]
City:	[redacted]
State:	
Country:	[redacted]
Dates of Attendance:	August 2018 - February 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:	Marine Engineering
Degree:	bachelor of Science
Date:	February 2023 (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:	3.48	Scale:	4.0
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)
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:	[redacted]
Writing score:	[redacted]
Reading score:	[redacted]
Speaking score (if applicable):	[redacted]
Total score:	[redacted]

IELTS Information

Click here for more information.

Date taken/planned:	(yyyy)

[redacted]

Date Submitted: 12/13/2022 12:29:02 CST

Listening score:	
Reading score:	
Writing score:	
Speaking score:	
Total score:	

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: 12/13/2022 12:29:02 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:	Father
* Parent/Guardian Education Level 1:	Bachelors degree or equivalent
How did you learn about The University of Iowa?	

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]

[redacted]

UNOFFICIAL TRANSCRIPT

ISSUED ON: 10-12-2022

NAME [redacted]
STUDENT ID: [redacted]
NATIONAL CODE: [redacted]

DEGREE: B.Sc.
DEPARTMENT: MECHANICAL ENG.
PROGRAM: MARINE ENGINEERING

COURSE NO	COURSE TITLE	UNIT	GRADE
	FALL SEM 2018-2019		
22-015	GEN MATH 1	4	13.4
24-001	PHYSICS LAB 1	1	17.0
24-011	PHYSICS 1	3	12.4
30-003	PHYSICAL EDUCATION	1	16.0
31-119	INTRO PERSIAN LITERATURE	3	17.0
31-123	FOREIGN LANG	3	14.0
40-153	INTRO PROGRAMMING	3	12.0
	SEMESTER UNITS, AVERAGE	18	14.04
	TOTAL UNITS GAINED, CUM AV	18	14.04
	SPRING SEM 2018-2019		
22-016	GEN MATH 2	4	10.0
23-011	GEN CHEM 1	3	17.2
24-002	PHYSICS LAB 2	1	20.0
24-012	PHYSICS 2	3	15.0
28-261	STATICS	3	11.5
28-937	AN INTRO TO MARINE ENG	2	19.0
35-528	MECH ENGINEERING GRAPHICS	3	18.5
	SEMESTER UNITS, AVERAGE	19	14.98
	TOTAL UNITS GAINED, CUM AV	37	14.52
	FALL SEM 2019-2020		
22-034	DIFF EQN	3	14.5
28-262	STR OF MATERIALS 1	3	17.0
28-567	DYNAMICS	4	13.6
28-861	MATERIAL SCIENCE	3	17.7
28-911	SHIP TECHNOLOGY	2	19.0
	SEMESTER UNITS, AVERAGE	15	16.00

COURSE NO	COURSE TITLE	UNIT	GRADE
	FALL SEM 2019-2020 (CONT.)		
	TOTAL UNITS GAINED, CUM AV	52	14.95
	SPRING SEM 2019-2020 (ONLINE)		
22-035	ENG MATH	3	18.0
28-161	THERMODYNAMICS 1	3	14.5
28-263	STR OF MATERIALS 2	2	19.0
28-461	FLUID MECH 1	3	16.2
28-701	STR OF MAT LAB	1	15.5
28-938	FUND OF OFFSHORE ENG.	2	14.9
37-620	ANAL HIST OF INITIAL ISLAM	2	20.0
	SEMESTER UNITS, AVERAGE	16	16.84
	TOTAL UNITS GAINED, CUM AV	68	15.39
	FALL SEM 2020-2021 (ONLINE)		
25-091	FUND ELEC ENG 1	3	20.0
28-162	THERMODYNAMICS 2	3	17.0
28-568	VIBRATIONS	3	15.7
28-914	NAVAL ARCH-STATIC	3	17.7
28-955	STRUCT ANALYSIS	3	16.5
30-004	SPORT 1	1	19.0
37-127	LIFE STYLE	2	17.8
	SEMESTER UNITS, AVERAGE	18	17.52
	TOTAL UNITS GAINED, CUM AV	86	15.84
	SPRING SEM 2020-2021 (ONLINE)		
28-416	AUTO CONTROL	3	18.0
28-462	FLUID MECH 2	3	w
28-637	NUMERICAL COMPUTATION	2	17.8

Abbr.
W: Withdraw
P: Pass
N: Not Available
P_EX: Excellent
P_VG: Very Good
P_GO: Good
P_FA: Fair
P_MR: Minimal Requirement

NOTES:
1. Numerical Grades Range from 0 to 20. Passing Grade is 10.
2. Average Department and University GPA for this Class of Students are 16.1 and 15.85, Respectively.

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UNOFFICIAL TRANSCRIPT

ISSUED ON: 10-12-2022

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DEPARTMENT: MECHANICAL ENG.
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COURSE NO	COURSE TITLE	UNIT	GRADE
	SPRING SEM 2020-2021 (ONLINE) (CONT.)		
28-651	MACHINE ELEMENT DESIGN 1	3	16.1
28-703	FLUID MECH LAB	1	w
28-915	NAVAL ARCH-DYN	3	16.0
28-977	MARINE ENG 1	2	19.4
37-490	NAHJOL BALA GHEH SUBJ INTERPRET	2	20.0
	SEMESTER UNITS, AVERAGE	15	17.65
	TOTAL UNITS GAINED, CUM AV	101	16.11
	SUMMER 2020-2021 (ONLINE)		
28-940	TRAINING 1	0	P_MR
	SEMESTER UNITS, AVERAGE	--	--
	TOTAL UNITS GAINED, CUM AV	101	16.11
	FALL SEM 2021-2022 (ONLINE)		
28-113	HEAT TRANSFER 1	3	16.0
28-255	FUND OF AUTO CONTR DSGN	3	15.2
28-462	FLUID MECH 2	3	17.2
28-512	DYN OF MACHINERY	3	18.6
28-569	MEAS & CONTR SYS	2	17.2
28-703	FLUID MECH LAB	1	17.0
28-956	SHIP STRUCT 1	3	17.3
33-013	AUTO WORKSHOP	1	16.0
	SEMESTER UNITS, AVERAGE	19	16.86
	TOTAL UNITS GAINED, CUM AV	120	16.23
	SPRING SEM 2021-2022		
28-908	NAVAL ENG LAB	1	19.5
28-950	PROJECT B60	3	19.2
28-967	PROPULSION MACH 1	3	19.2
28-986	OCEAN ENG	3	19.0
37-445	ISLAMIC THOUGHT 1	2	20.0
37-514	THE KNOWLEDGE OF FAMILY & POPULATION	0	P
	SEMESTER UNITS, AVERAGE	12	19.31
	TOTAL UNITS GAINED, CUM AV	132	16.51
	SUMMER 2021-2022		
28-950	PROJECT B60	0	19.2

COURSE NO	COURSE TITLE	UNIT	GRADE
	SUMMER 2021-2022 (CONT.)		
28-970	TRAINING 2	0	P_EX
33-011	MACH TOOL WRKSHP	1	18.5
	SEMESTER UNITS, AVERAGE	1	18.50
	TOTAL UNITS GAINED, CUM AV	133	16.52
	FALL SEM 2022-2023		
28-865	ROBOTICS	3	N
33-012	WELD SHEET WRKSHP	1	N
37-446	ISLAMIC THOUGHT 2	2	N
37-626	ISLAMIC REVOLUTION OF IRAN	2	N
	SEMESTER UNITS, AVERAGE	8	--
	TOTAL UNITS GAINED, CUM AV	133	16.52

NO ENTRY BELOW THIS LINE

FOR ABBREVIATIONS REFER TO THE FIRST PAGE