



CASE WESTERN RESERVE
UNIVERSITY EST. 1826

think beyond the possibleSM

Office of the University Registrar
10900 Euclid Ave
Yost Hall, Room 135
Cleveland, OH 44106-7042

19-Jan-2021

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CASE WESTERN RESERVE UNIVERSITY

OFFICE OF THE REGISTRAR • CLEVELAND, OHIO 44106-7042 • registrar@cwru.edu

Student ID: 3389545
SSN: XXX-XX-9298
Student Name: Ruyuan Zuo

Official Transcript

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Degrees/Credentials Earned

Degree/Credential: Bachelor of Arts
Date Awarded: 01/15/2021
Degree Honors: cum laude
Plan: Computer Science

Term GPA:	4.000	Term Totals	13.00	10.00	10.00	40.000
Cum GPA:	3.750	Cum Totals	31.00	28.00		105.000

Academic Program History

Program: Arts & Sciences Undergraduate
Completed Program
Computer Science (BA) Major

Course	Description	Attempt	Earned	Grade	Points
SOCI 250	Law & Society	3.00	3.00	A	12.000
ENGR 145	Chemistry of Materials	4.00	4.00	A	16.000
EECS 233	Intro Data Structures	4.00	4.00	A	16.000

Term GPA:	4.000	Term Totals	11.00	11.00	11.00	44.000
Cum GPA:	3.821	Cum Totals	42.00	39.00		149.000

Test Credits
Applied Toward Undeclared Undergraduate

Course	Description	Attempt	Earned	Grade	Points
CHEM 111	Princ Chem for Engineers	4.00	4.00	AP	
MATH 121	Repeated: No Credit Awarded				
MATH 122	Calc for Science & Engr I	4.00	4.00	AP	
MATH 122	Calc for Science & Engr II	4.00	4.00	AP	
PHYS 121	General Physics I- Mechanics	4.00	4.00	AP	
PHYS 100-TR	PHYS 100 Level Transfer Course	3.00	3.00	AP	
Course GPA:	0.00	Transfer Totals:	0.00	15.00	0.000

Course	Description	Attempt	Earned	Grade	Points
SOCI 208	Dating, Marriage, and Family	3.00	3.00	A	12.000
EMAE 160	Mechanical Manufacturing	3.00	3.00	B	9.000
EMAE 181	Dynamics	3.00	3.00	B	9.000
ENGR 200	Statics & Strength Materials	3.00	3.00	A	12.000
USNA 211	Einstein, Space and Time	3.00	3.00	A	12.000
USSO 292G	Creativity and Spirituality	3.00	3.00	A	12.000

Term Honor: Dean's Honor List

Term GPA:	3.667	Term Totals	18.00	18.00	18.00	66.000
Cum GPA:	3.772	Cum Totals	60.00	57.00		215.000

Beginning of Undergraduate Record

Course	Description	Attempt	Earned	Grade	Points
CHEM 111	Princ Chem for Engineers	4.00	4.00	A	16.000
GRMN 101	Elementary German I	4.00	4.00	B	12.000
PHYS 122	General Physics II-Elec & Mag	4.00	4.00	A	16.000
PHED 10A	Cardio Games (1st Half)	0.00	0.00	P	0.000
NTRN 201	Nutrition	3.00	3.00	B	9.000
FSAE 100	Academic English	3.00	3.00	A	12.000

Term Honor: Dean's Honor List

Term GPA:	3.611	Term Totals	18.00	18.00	18.00	65.000
Cum GPA:	3.611	Cum Totals	18.00	18.00		65.000

Course	Description	Attempt	Earned	Grade	Points
MATH 223	Calc for Science & Engr III	3.00	3.00	A	12.000
ENGR 200	Statics & Strength Materials	3.00	0.00	P	0.000
EECS 132	Repeated: No Credit Awarded				
EECS 132	Intro to Programming in Java	3.00	3.00	A	12.000
FSCC 100	Life of the Mind	4.00	4.00	A	16.000

Recipient:

Course	Description	Attempt	Earned	Grade	Points
MATH 224	Elem Differential Equations	3.00	3.00	A	12.000
EECS 281	Logic Design and Computer Org	4.00	4.00	A	16.000
ENGR 210	Intro Circuits and Instruments	4.00	4.00	A	16.000
EECS 302	Discrete Mathematics	3.00	3.00	B	9.000
EECS 338	Intro to Operating Systems	4.00	4.00	A	16.000
PHED 10A	Cardio Games (1st Half)	0.00	0.00	P	0.000

Term Honor: Dean's High Honors

Term GPA:	3.833	Term Totals	18.00	18.00	18.00	69.000
Cum GPA:	3.787	Cum Totals	78.00	75.00		284.000

Course	Description	Attempt	Earned	Grade	Points
MATH 201	Intro to Linear Alg for Appl	3.00	3.00	C	6.000
SOCI 101	Introduction to Sociology	3.00	3.00	B	9.000
STAT 312R	Statistics for Eng and Sci, R	3.00	3.00	A	12.000
ENGR 225	Thermo Fluids Heat &	4.00	4.00	B	12.000

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Ruyuan Zuo



Amy Hammett
University Registrar

CASE WESTERN RESERVE UNIVERSITY

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Course	Description	Attmpt	Earned	Grade	Points	End of Undergraduate Record End of Transcript
EECS 341	Mass Tran Intro to Database Systems	3.00	3.00	A	12.000	
EECS 391	Intro Artificial Intelligence	3.00	3.00	B	9.000	
PHED 10A	Cardio Games (1st Half)	0.00	0.00	P	0.000	
		<u>Attmpt</u>	<u>Earned</u>	<u>Avg</u>	<u>Points</u>	
Term GPA:	3.158 Term Totals	19.00	19.00	19.00	60.000	
Cum GPA:	3.660 Cum Totals	97.00	94.00		344.000	

Spr 2020

Course	Description	Attmpt	Earned	Grade	Points
SOCI 306	Logic of Social Inquiry	3.00	3.00	A	12.000
EECS 314	Computer Architecture	3.00	3.00	A	12.000
EECS 345	Programming Language Concepts	3.00	0.00	W	0.000
EECS 491	Probabilistic Graphical Models	3.00	3.00	A	12.000
EECS 340	Algorithms	3.00	3.00	A	12.000
PHED 60B	CPR/First Aid (2nd half)	0.00	0.00	P	0.000
EECS 397	Special Topics	1.00	1.00	A	4.000
Crse Topic:	C/C++ Programming				

Term Honor: Dean's High Honors

		<u>Attmpt</u>	<u>Earned</u>	<u>Avg</u>	<u>Points</u>
Term GPA:	4.000 Term Totals	16.00	13.00	13.00	52.000
Cum GPA:	3.701 Cum Totals	113.00	107.00		396.000

Course grading, academic policy, and significant instructional changes occurred starting in March 2020 due to COVID-19. See 2019-2020 General Bulletin for details.

Fall 2020

Course	Description	Attmpt	Earned	Grade	Points
ENGL 398	Prof Communication Engineers	2.00	2.00	A	8.000
CLSC 231	World of Ancient Greece	3.00	3.00	A	12.000
ENGR 398	Prof Communicat for Engineers	1.00	1.00	A	4.000
CSDS 395	Senior Proj in Computer Scienc	4.00	4.00	A	16.000
CSDS 458	Intro to Bioinformatics	3.00	3.00	A	12.000
CSDS 234	Structured & Unstructured Data	3.00	3.00	A	12.000
ECSE 484	Computational Intelligence I	3.00	3.00	A	12.000

Term Honor: Dean's High Honors

		<u>Attmpt</u>	<u>Earned</u>	<u>Avg</u>	<u>Points</u>
Term GPA:	4.000 Term Totals	19.00	19.00	19.00	76.000
Cum GPA:	3.746 Cum Totals	132.00	126.00		472.000

Career Totals		<u>Attmpt</u>	<u>Earned</u>	<u>Avg</u>	<u>Points</u>
Cum GPA:	3.746 Cum Totals	132.00	126.00	126.00	472.000

Total Credits Earned: 141.00

Non-Course Milestones
- Writing Portfolio Complete

Recipient:

Ruyuan Zuo

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Amy Hammett
Amy Hammett
University Registrar

TRANSCRIPT KEY

ACCREDITATION

Case Western Reserve University is accredited at the institutional level by the Higher Learning Commission of the North Central Association of Colleges and Schools. In addition, many of its individual programs are accredited by nationally recognized professional associations. Additional information is available at <http://case.edu/bulletin>.

RELEASE OF INFORMATION

This educational record is subject to the Family Educational Rights and Privacy Act of 1974, as amended. It is released on the condition that the recipient will not permit any other party to have access to such information without the written consent of the student.

CALENDAR

The normal academic calendar is expressed in semester hours and consists of two semesters (Fall and Spring). There is also a summer term which may be either optional or required, depending on the student's academic program.

FIRST TIME FIRST YEAR UNDERGRADUATE STUDENTS

Effective Fall 1987, first time first year full-time undergraduate students are eligible during their first two semesters of enrollment to have courses with grades of F, NP or W suppressed from the transcript. Effective Fall 2006, only courses with a grade of W are eligible for transcript suppression.

ACADEMIC HONORS, ACADEMIC PROBATION, DISMISSAL/SEPARATION AND OTHER DESIGNATIONS

Each school within the University has specific academic policies for determining term honors, academic probation or academic dismissal/separation. Contact the University Registrar's office for further information.

TRANSCRIPT AUTHENTICITY

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GRADING SYSTEM

Available grading options vary by school and/or program. For example, not all schools/programs offer the A+ grade. For more information about current and past grading for Case Western Reserve University schools, colleges and predecessors, please visit <http://www.case.edu/registrar/grading-transcript/grading-transcript-keys>.

As of Fall 2018, the following grading options are available subject to department/school policy:

<u>Grade</u>	<u>Meaning</u>	<u>Quality Points</u>
A+		4.333
A	Excellent	4.000
A-		3.666
B+		3.333
B	Good	3.000
B-		2.666
C+		2.333
C	Fair	2.000
C-		1.666
D+		1.333
D	Passing	1.000
D-		0.666
F	Failure	0.000
AD	Successful audit	n/a
AE	Achieves or exceeds competencies	n/a
AP	Advanced placement	n/a
AS	Advanced subsidiary	n/a
COM	Commendable	n/a
CR	Earns credit, credit/no credit course	n/a
H	Honors	n/a
I	Incomplete	n/a
IB	International baccalaureate	n/a
IN	Permanent Incomplete	n/a
IP	In progress or extends > one term	n/a
M	Meets or exceeds expectations	n/a
NC	No credit, credit/no credit course	n/a
NG	Unsuccessful audit	n/a
NOG	Non-graded course	n/a
NP	No pass	n/a
P	Pass	n/a
PR	Proficiency	n/a
R	In progress or extends > one term	n/a
S	Satisfactory	n/a
SA	Special audit or alumni/senior audit	n/a
TR	Transfer	n/a
U	Unsatisfactory	n/a
W	Withdrawal from the class	n/a
WD	Withdrawal from all classes	n/a
WF	Withdrawn under Acad Regs 5 & 6	n/a

COURSE NUMBERING

- 100 – 199 Elementary Courses
- 200 – 299 Intermediate Courses
- 300 – 399 Advanced Undergraduate Courses
- 400 & up Graduate Courses

The above numbering system does not apply to the schools of Dental Medicine, Law, Medicine (see below) and Nursing.

SCHOOL OF MEDICINE

GRADING SYSTEM

University Program: Core clerkships and clinical electives are graded H, COM, S, AE or U. Preclinical electives are graded P, NP, M or U through June 2009. Beginning July 2009 preclinical courses are graded AE or U.

College Program (Cleveland Clinic Lerner College of Medicine):

All courses are graded M or U through June 2009. Beginning July 2009 all courses are graded AE or U. Competencies are used to assess performance and are described further at: http://www.case.edu/registrar/CCLCM_competencies.pdf

Physician Assistant Program: Non-clinical courses are letter

graded. Clinical courses are graded H, COM, S or U.

Note: Cumulative Grade Point Average (GPA) is not applicable to the Doctor of Medicine Program.

COURSE NUMBERING

<u>Series</u>	<u>Description</u>
1000	1 st year level courses
2000	2 nd year level courses
3000	3 rd year level courses
4000	4 th year level courses
8000	Unlisted electives/Away elective
9000	Years 1 and 2 (preclinical, optional) electives
alpha suffix	Courses offered at area hospitals

QUESTIONS

Questions regarding transcripts may be directed to the University Registrar's Office, (216) 368-4310, registrar@case.edu. For more information, see <http://www.case.edu/registrar>.