

**Transcript Data****STUDENT INFORMATION****Name :** Ziheng Chen**Birth Date:** Jun 20, 2000**Curriculum Information****Most Recent Program(s)****College:** Graduate College**Major and Department:** Electrical & Computer  
Engr, Electrical &  
Computer Eng

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**DEGREE INFORMATION****Awarded:** Bachelor of Science **Degree Date:** May 13, 2023**Institutional Honors:** Highest Honors**Curriculum Information****Program Information****College:** Grainger Engineering**Campus:** Urbana-Champaign**Major:** Computer Engineering**Minor:** Mathematics**TRANSFER CREDIT ACCEPTED BY INSTITUTION** **-Top-****FA19:** Advanced Placement Tests

Subject	Course	Title	Grade	Credit Hours	Quality Points	R
CHIN	203	Intermediate Chinese I	PS	5.000		0.00
CHIN	204	Intermediate Chinese II	PS	5.000		0.00
CHIN	305	Advanced Chinese I	PS	5.000		0.00
CHIN	306	Advanced Chinese II	PS	5.000		0.00
CS	101	Intro Computing: Engrg & Sci	PS	3.000		0.00
MATH	220	Calculus	PS	5.000		0.00
MATH	231	Calculus II	PS	3.000		0.00
PHYS	101	College Physics: Mech & Heat	PS	5.000		0.00

PHYS	211	University Physics: Mechanics	PS	4.000			0.00
PHYS	212	University Physics: Elec & Mag	PS	4.000			0.00
		Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:		0.000	44.000	44.000	0.000	0.00	0.00

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**FA19:** ACT/SAT

Subject	Course	Title		Grade	Credit Hours	Quality Points		R
RHET	105	Writing and Research		PS	4.000	0.00		E
RHET	105	Writing and Research		PS	4.000	0.00		
		Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA	
Current Term:		0.000	4.000	4.000	0.000	0.00	0.00	

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## INSTITUTION CREDIT -Top-

**Term: Fall 2019 - Urbana-Champaign**

**College:** Division of General Studies  
**Major:** Pre-Engineering  
**Academic Standing:** Good Standing  
**Additional Standing:** Deans List

<b>Subject</b>	<b>Course</b>	<b>Level</b>	<b>Title</b>	<b>Grade</b>	<b>Credit Hours</b>	<b>Quality Points</b>	<b>R</b>
CHEM	102	1U	General Chemistry I	A	3.000	12.00	
CHEM	103	1U	General Chemistry Lab I	A+	1.000	4.00	
CHEM	199	1U	Undergraduate Open Seminar	A	1.000	4.00	
ECE	110	1U	Introduction to Electronics	A+H	3.000	12.00	
ENG	100	1U	Engineering Orientation	S	0.000	0.00	
ENG	101	1U	Engineering at Illinois	A	1.000	4.00	
MATH	199	1U	Undergraduate Open Seminar	A	1.000	4.00	
MATH	241	1U	Calculus III	A+	4.000	16.00	

## Term Totals (Undergrad - Urbana-Champaign)

	<b>Attempt Hours</b>	<b>Passed Hours</b>	<b>Earned Hours</b>	<b>GPA Hours</b>	<b>Quality Points</b>	<b>GPA</b>
<b>Current Term:</b>	14.000	14.000	14.000	14.000	56.00	4.00
<b>Cumulative:</b>	14.000	14.000	14.000	14.000	56.00	4.00

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### Term: Spring 2020 - Urbana-Champaign

**Term Comments:** Edmund J James Scholar for Academic Year 2019-2020

**College:** Division of General Studies

**Major:** Pre-Engineering

**Academic Standing:** Good Standing

**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
ECE	120	1U	Introduction to Computing	A+	4.000	16.00	
ECE	199	1U	Undergraduate Open Seminar	A	1.000	4.00	
HIST	100	1U	Global History	A+	3.000	12.00	
MATH	286	1U	Intro to Differential Eq Plus	A	4.000	16.00	
PHYS	213	1U	Univ Physics: Thermal Physics	A+	2.000	8.00	
PHYS	214	1U	Univ Physics: Quantum Physics	A	2.000	8.00	

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	16.000	16.000	16.000	16.000	64.00	4.00
<b>Cumulative:</b>	30.000	30.000	30.000	30.000	120.00	4.00

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### Term: Summer 2020 - Urbana-Champaign

**College:** Division of General Studies

**Major:** Pre-Engineering

**Academic Standing:** Good Standing

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
ECON	102	1U	Microeconomic Principles	A	3.000	12.00	
MATH	415	1U	Applied Linear Algebra	A	3.000	12.00	

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	6.000	6.000	6.000	6.000	24.00	4.00
<b>Cumulative:</b>	36.000	36.000	36.000	36.000	144.00	4.00

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### Term: Fall 2020 - Urbana-Champaign

**College:** Grainger Engineering

**Major:** Computer Engineering**Academic Standing:** Good Standing**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
ECE	210	1U	Analog Signal Processing	A	4.000	16.00	
ECE	220	1U	Computer Systems & Programming	A+	4.000	16.00	
MATH	213	1U	Basic Discrete Mathematics	A+	3.000	12.00	
MATH	347	1U	Fundamental Mathematics	A	3.000	12.00	
MATH	492	1U	Exploring divisibility pattern	S	3.000	0.00	

**Term Totals (Undergrad - Urbana-Champaign)**

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	17.000	17.000	17.000	14.000	56.00	4.00
<b>Cumulative:</b>	53.000	53.000	53.000	50.000	200.00	4.00

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**Term: Winter 2020-2021 Urbana-Champaign****College:** Grainger Engineering**Major:** Computer Engineering**Academic Standing:** Good Standing

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
DANC	100	1U	Intro to Contemporary Dance	A+	3.000	12.00	

**Term Totals (Undergrad - Urbana-Champaign)**

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	3.000	3.000	3.000	3.000	12.00	4.00
<b>Cumulative:</b>	56.000	56.000	56.000	53.000	212.00	4.00

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**Term: Spring 2021 - Urbana-Champaign****Term Comments:** Edmund J James Scholar for Academic Year 2020-2021**College:** Grainger Engineering**Major:** Computer Engineering**Academic Standing:** Good Standing**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	225	1U	Data Structures	A	4.000	16.00	
ECE	200	1U	Seminar	S	0.000	0.00	

ECE	385	1U	Digital Systems Laboratory	A+	3.000	12.00
KIN	249	1U	Sport & Modern Society	A+	3.000	12.00
STAT	400	1U	Statistics and Probability I	A+	4.000	16.00

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	14.000	14.000	14.000	14.000	56.00	4.00
<b>Cumulative:</b>	70.000	70.000	70.000	67.000	268.00	4.00

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### Term: Summer 2021 - Urbana-Champaign

**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points
ECE	310	1U	Digital Signal Processing	A+	3.000	12.00
ECE	311	1U	Digital Signal Processing Lab	A+	1.000	4.00

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	4.000	4.000	4.000	4.000	16.00	4.00
<b>Cumulative:</b>	74.000	74.000	74.000	71.000	284.00	4.00

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### Term: Fall 2021 - Urbana-Champaign

**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing  
**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points
CS	418	1U	Interactive Computer Graphics	A	3.000	12.00
ECE	200	1U	Seminar	S	0.000	0.00
ECE	374	1U	Intro to Algs & Models of Comp	A+	4.000	16.00
KIN	104	1U	Ice Skating	A	1.000	4.00
MUS	132	1U	Popular Music Studies	A+	3.000	12.00
STAT	410	1U	Statistics and Probability II	A	3.000	12.00

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	14.000	14.000	14.000	14.000	56.00	4.00
<b>Cumulative:</b>	88.000	88.000	88.000	85.000	340.00	4.00

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**Term: Winter 2021-2022 Urbana-Chmpgn**

**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
MUS	133	1U	Introduction to World Music	A+	3.000	12.00	

**Term Totals (Undergrad - Urbana-Champaign)**

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	3.000	3.000	3.000	3.000	12.00	4.00
<b>Cumulative:</b>	91.000	91.000	91.000	88.000	352.00	4.00

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**Term: Spring 2022 - Urbana-Champaign**

**Term Comments:** Edmund J James Scholar for Academic Year 2021-2022  
**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing  
**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	445	1U	Computational Photography	A	3.000	12.00	
ECE	391	1U	Computer Systems Engineering	A	4.000	16.00	
ECE	397	1U	Individual Study in ECE	A	2.000	8.00	
ECE	449	1U	Machine Learning	A	3.000	12.00	
ENG	377	1U	ELA Leadership Training	A	1.000	4.00	

**Term Totals (Undergrad - Urbana-Champaign)**

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	13.000	13.000	13.000	13.000	52.00	4.00
<b>Cumulative:</b>	104.000	104.000	104.000	101.000	404.00	4.00

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### Term: Fall 2022 - Urbana-Champaign

**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing  
**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R...
CS	409	1U	The Art of Web Programming	A	3.000	12.00	
ECE	438	1U	Communication Networks	A-	3.000	11.01	
ECE	471	1U	Data Science Analytics and PGM	A	3.000	12.00	
ECE	496	1U	Senior Research Project	A+	2.000	8.00	
TE	360	1U	Lect in Engrg Entrepreneurship	A	1.000	4.00	
TE	401	1U	City Scholars	A	2.000	8.00	

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	14.000	14.000	14.000	14.000	55.01	3.92
<b>Cumulative:</b>	118.000	118.000	118.000	115.000	459.01	3.99

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### Term: Spring 2023 - Urbana-Champaign

**Term Comments:** Edmund J James Scholar for Academic Year 2022-2023  
**College:** Grainger Engineering  
**Major:** Computer Engineering  
**Academic Standing:** Good Standing  
**Additional Standing:** Deans List

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R...
ACE	240	1U	Personal Financial Planning	A+	3.000	12.00	
CS	444	1U	Deep Learning for Compt Visn	A	3.000	12.00	
ECE	200	1U	Seminar	S	0.000	0.00	
ECE	499	1U	Senior Thesis	A+	2.000	8.00	
ETMA	132	1U	Basics of Project Management	A+	1.000	4.00	
KIN	142	1U	Contemporary Issues in Sport	A	3.000	12.00	

### Term Totals (Undergrad - Urbana-Champaign)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
<b>Current Term:</b>	12.000	12.000	12.000	12.000	48.00	4.00
<b>Cumulative:</b>	130.000	130.000	130.000	127.000	507.01	3.99

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TRANSCRIPT TOTALS (UNDERGRAD - URBANA-CHAMPAIGN) -Top-

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Total Institution:	130.000	130.000	130.000	127.000	507.01	3.99
Total Transfer:	0.000	48.000	48.000	0.000	0.00	0.00
Overall:	130.000	178.000	178.000	127.000	507.01	3.99