

# Oregon State University

Corvallis, Oregon 97331-2130

OSU ID: 933282795

Date of Birth: 02-JUL

Date Issued: 14-DEC-2023  
AEEE

Record of: Divya Bajaj

Page: 1

Issued To: Divya Bajaj  
Parchment DocumentID: TERARCWM

Course Level: Undergraduate

SUBJ NO.	COURSE TITLE	CRED GRD	PTS R
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TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:

INSTITUTION CREDIT:

Spring 2019

Computer Science

Masters

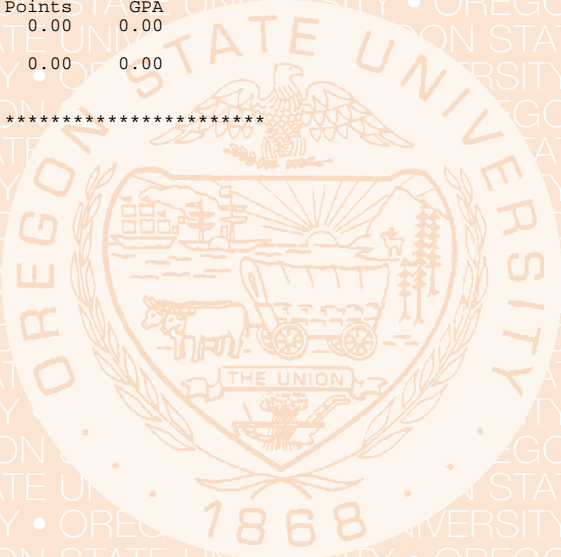
PAC 248 SWIM: NON-SWIMMER 1.00 W 0.00

Ehrs: 0.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00

\*\*\*\*\* TRANSCRIPT TOTALS \*\*\*\*\*

	Earned Hrs	GPA Hrs	Points	GPA
TOTAL INSTITUTION	0.00	0.00	0.00	0.00
TOTAL TRANSFER	0.00	0.00	0.00	0.00
OVERALL	0.00			

\*\*\*\*\* END OF TRANSCRIPT \*\*\*\*\*



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Rebecca A. Mathern, Registrar

OFFICIAL TRANSCRIPT

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Course Level: Graduate

Current Program

College : College of Engineering  
Major : Computer Science

SUBJ NO.	COURSE TITLE	CRED	GRD	PTS	R
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**Comments:**

Master of Science degree (thesis) requirements completed September 21, 2021

Degrees Awarded Master of Science 10-DEC-2021  
Major : Computer Science

Master's Thesis

Customizable Visual Traces for Program Explanations

**Institution Information continued:**

Winter 2019

Computer Science

Masters

CS 501	RESEARCH	3.00	P	0.00	
CS 507	SEM/ COLLOQUIUM	1.00	P	0.00	
CS 527	ERROR-CORRECTING CODES	4.00	A	16.00	
CS 582	PROGRAMMING LANGUAGES II	4.00	A	16.00	
Ehrs: 12.00 GPA-Hrs: 8.00		QPts: 32.00	GPA: 4.00		

SUBJ NO.	COURSE TITLE	CRED	GRD	PTS	R
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Spring 2019

Computer Science

Masters

TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:

B TECH 2017

The NorthCap Univ Gurgaon

Ehrs: 0.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00

CS 501	RESEARCH	3.00	P	0.00	
CS 507	SEM/ COLLOQUIUM	1.00	P	0.00	
CS 583	ADV FUNCTIONAL PROGRAMMING	4.00	A	16.00	
CS 589	ST/ MODULARITY	4.00	A	16.00	
Ehrs: 12.00 GPA-Hrs: 8.00		QPts: 32.00	GPA: 4.00		

INSTITUTION CREDIT:

Fall 2018

Computer Science

Masters

CS 501	RESEARCH	1.00	P	0.00	
CS 515	ALGORITHMS AND DATA STRUCTURES	4.00	B	12.00	
CS 581	PROGRAMMING LANGUAGES I	4.00	A	16.00	
Ehrs: 9.00 GPA-Hrs: 8.00		QPts: 28.00	GPA: 3.50		

Summer 2019

Computer Science

Masters

CS 501	RESEARCH	3.00	P	0.00	
Ehrs: 3.00 GPA-Hrs: 0.00		QPts: 0.00	GPA: 0.00		

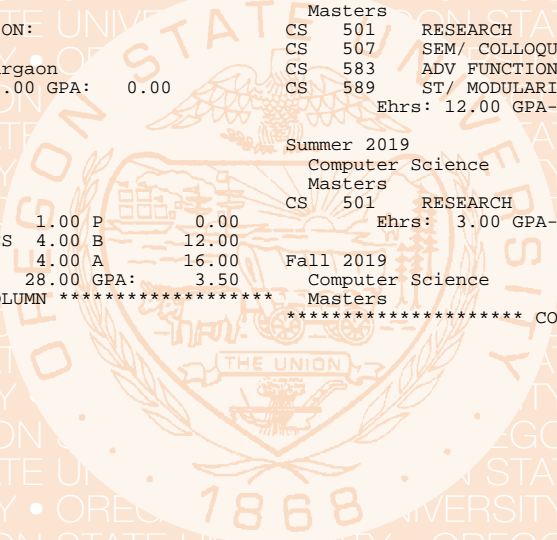
Fall 2019

Computer Science

Masters

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\*\*\*\*\* CONTINUED ON PAGE 2 \*\*\*\*\*



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Rebecca A. Mathern, Registrar

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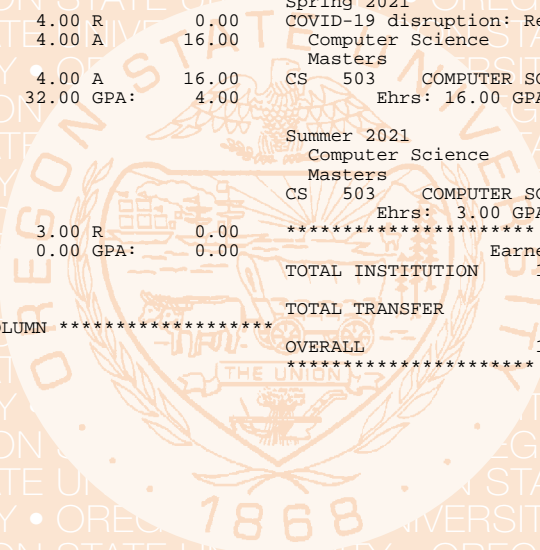
Date of Birth: 02-JUL

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AEEE

Record of: Divya Bajaj  
Level: Graduate

Page: 2

SUBJ NO.	COURSE TITLE	CRED GRD	PTS R	SUBJ NO.	COURSE TITLE	CRED GRD	PTS R
Institution Information continued:				Comments Continued:			
CS 501	RESEARCH	7.00 P	0.00	COVID-19 disruption: Remote-learning			
CS 507	SEM/ COLLOQUIUM	1.00 P	0.00	Computer Science			
CS 534	MACHINE LEARNING	4.00 A-	14.80	Masters			
Ehrs: 12.00 GPA-Hrs: 4.00 QPts: 14.80 GPA: 3.70				CS 501	RESEARCH	6.00 P	0.00
Winter 2020				CS 503	COMPUTER SCIENCE MS THESIS	6.00 R	0.00
Computer Science				Ehrs: 12.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00			
Masters				Winter 2021			
CS 501	RESEARCH	12.00 P	0.00	COVID-19 disruption: Remote-learning			
Ehrs: 12.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00				Computer Science			
Spring 2020				Masters			
COVID-19 disruption: Remote-learning and S/U policy extension.				CS 501	RESEARCH	12.00 P	0.00
Computer Science				Ehrs: 12.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00			
Masters				Spring 2021			
CS 503	COMPUTER SCIENCE MS THESIS	4.00 R	0.00	COVID-19 disruption: Remote-learning			
CS 533	INTELLIGENT AGENTS AND DECISION MAKING	4.00 A	16.00	Computer Science			
Ehrs: 12.00 GPA-Hrs: 8.00 QPts: 32.00 GPA: 4.00				Masters			
CS 585	DOMAIN-SPECIFIC LANGUAGES	4.00 A	16.00	CS 503	COMPUTER SCIENCE MS THESIS	16.00 R	0.00
Ehrs: 12.00 GPA-Hrs: 8.00 QPts: 32.00 GPA: 4.00				Ehrs: 16.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00			
Summer 2020				Summer 2021			
COVID-19 disruption: Remote-learning				Computer Science			
Computer Science				Masters			
Masters				CS 503	COMPUTER SCIENCE MS THESIS	3.00 R	0.00
CS 503	COMPUTER SCIENCE MS THESIS	3.00 R	0.00	Ehrs: 3.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00			
Ehrs: 3.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00				***** TRANSCRIPT TOTALS *****			
Fall 2020				TOTAL INSTITUTION			
***** CONTINUED ON NEXT COLUMN *****				Earned Hrs 118.00 GPA Hrs 36.00 Points 138.80 GPA 3.85			
*****				TOTAL TRANSFER 0.00 0.00 0.00 0.00			
*****				OVERALL 118.00			
*****				***** END OF TRANSCRIPT *****			



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 Rebecca A. Mathern, Registrar



## OREGON STATE UNIVERSITY

Oregon State University is the land-grant institution for the State of Oregon. In 1971 it was designated by the federal government as a sea-grant college, in 1991 received space-grant designation, and in 2004 received sun-grant designation. Oregon State University-Cascades Campus, a second campus in Central Oregon, was established in 2001.

## CALENDAR

Oregon State University operates on a term/quarter system. Fall, Winter, and Spring terms are approximately 10 weeks in length with some shorter sessions inside the 10 weeks. These terms are followed by a one-week period of examinations. Summer term classes are conducted over 11 weeks with multiple shorter sessions inside the 11 weeks. During its existence, the K-12 system operated on the semester system with a full 18-week Fall and Spring semesters. Summer semester was conducted in a 9-week session.

## ACCREDITATION

Oregon State University is accredited by the Northwest Commission on Colleges and Universities, the regional accrediting agency. Several departments, schools, and colleges are accredited by professional accrediting associations recognized by the Council on Higher Education Accreditation (CHEA).

## FORMER NAMES

Oregon State University was founded on October 27, 1868, as the State Agricultural College of Oregon. In 1929 the name was changed to Oregon State Agricultural College. In 1953 the name was changed to Oregon State College. On March 6, 1961, the name was changed to Oregon State University.

## GRADING SYSTEMS AND GRADE POINTS\*

A	Exceptional	4 grade points per credit
A-		3.7 grade points per credit
B+		3.3 grade points per credit
B	Superior	3 grade points per credit
B-		2.7 grade points per credit
C+		2.3 grade points per credit
C	Average	2 grade points per credit
C-		1.7 grade points per credit
D+		1.3 grade points per credit
D	Inferior	1 grade points per credit
D-		0.7 grade points per credit
E	Non-Credit Excluded	No credit or grade points
F	Failure	0 grade points per credit
G	Reserved for Graduate	
I	Incomplete	No credit or grade points
I/Alt	Incomplete/Alternate	No credit or grade points
N	No Credit	No credit or grade points
P	Pass	Credit given, no grade
R	Thesis in Progress	Credit given, no grade
S	Satisfactory	Credit given, no grade
TR	Accepted Transfer Credit	
U	Unsatisfactory	No credit or grade points
W	Withdrawal	No credit or grade points
WC	Complete Withdrawal	No credit or grade points
Y	Grade yet to be	No credit or grade points
NG	No basis for grade	No credit or grade points
AUD	Audit	No credit or grade points
SC	Successful Completion	No credit or grade points
NSC	Non-successful completion	No credit or grade points

\*Effective Fall 1991, the grading system was extended to include + and - grades

## TIME STATUS

Full-time status is defined as 12+ credits for undergraduate and postbaccalaureate, 9+ credits for graduate students, 18+ for GE students. Half-time status is defined as 6-11 credits for undergraduate and postbaccalaureate, 5-8 credits for graduate students, and 15-17 credits for GE students. Part-time status is defined as 1-5 credits for undergraduate and postbaccalaureate, 1-4 credits for graduate students, and 1-14 credits for GE students.

## INCOMPLETE/ALTERNATE GRADES

*Fall 2009 to Current:* I/Alternate Grades are depicted on the Oregon State University transcript as an I/A, I/A-, I/B+, I/B, I/B-, I/C+, I/C, I/C-, I/D+, I/D, I/D-, I/F, I/P, I/N, I/S, or I/U. These grades are incomplete grades. The grade behind the slash is the grade the student would earn if they do not resolve the incomplete coursework within one year of recording the incomplete or at the point of degree conferral (e.g., I/D- will default to a D-). Once the incomplete is resolved or defaults to the alternate grade, the I/Alternate Grade is replaced with a standard letter grade. *Fall 1993 to Summer 2009:* unresolved I grades remained or the instructor changed to a standard letter grade. *Fall 1982 to Summer 1993:* unresolved I grades were replaced with a W after one year. *Prior to Fall 1982:* unresolved I grades remained or the instructor changed to a standard letter grade.

## REPEATED COURSES

*Summer 2009 to Current:* if a student repeats a course, the grade from each attempt will appear on the transcript, but only the second attempt will count toward the student's institutional credits and grade point average. Any course attempt with an "E" in the repeat column indicates that the course has been excluded from all calculations; this exclusion is either due to a course repeat or due to a historical practice through *Summer 2019* of excluding credits in excess of defined limits in academic regulation 25h. *Fall 1997 to Spring 2009:* courses may be repeated once for grade replacement. Although both grades appear on the transcript, only the second grade counts into the grade point average and toward graduation.

## COURSE NUMBER SYSTEM

001INC-99NC	Non-credit courses (i.e., Oregon State University Intensive English Program Courses). No points awarded.
1-99	Non-credit or credit courses of a remedial, terminal, or semiprofessional nature not applicable toward degree requirements. No points awarded.
50-99	(Fall 1959 through Summer 1982) Credit courses applicable toward a degree but of a basic, preparatory, pre-professional level
100-299	Lower-division courses
300-499	Upper-division courses. Some 400-level courses carried graduate credit prior to 1990
	> May be used for graduate major or minor credit
	< May be used for only graduate minor credit
500-599	Graduate courses offered primarily in support of master's degree
600-699	Graduate courses offered principally in support of doctoral-level instructional programs
700-799	Professional courses which may be applied to a professional degree but not toward other advanced degrees (Ph.D.)
800-899	In-service courses with limited application toward advanced degrees

## BACCALAUREATE/WRITING-INTENSIVE COURSES

\* All Baccalaureate Core classes are preceded by a \* and all WIC classes are preceded by a ^.

## CLASSIFICATION OF STUDENTS

Undergraduate:	45+ credits = sophomore; 90+ credits = junior; 135+ credits = senior
Post Baccalaureate:	Student holding a baccalaureate degree and normally working toward an additional bachelor's degree
Graduate:	Student seeking an advanced degree
Special/Non-Degree:	A non-admitted person not seeking a degree
Professional:	Student seeking a professional degree
INTO OSU:	Intensive English Program students
GE/AE/Pathways:	GE = General English; AE = Academic English

## REPEATED COURSES CONT.

Any course taken more than two times and is not repeatable, or previously passed, will appear on the transcript with a grade followed by an "R" indicating the course will not count in the cumulative grade point average, but toward graduation only. *Fall 1985 to Summer 1997:* all grades earned in a course are included in the student's grade point average. A grade followed by an "A" in the repeat column indicates a repeated course that will count in the cumulative grade point average, but not toward graduation. *Fall 1972 to Summer 1985:* only the base grade earned in a course is credited to the student's grade point average and credits toward graduation.

## GRADUATION REQUIREMENTS

A minimum of 180 credits must be earned. A minimum of 45 of the last 75 credits, or 150 total credits, must be completed while the student is in academic residence at OSU. Students may earn more than one bachelor's degree with the completion of the additional curriculum and minimum of 32 additional credits. Students earning an advanced degree usually earn a minimum of 45 credits.

## CERTIFICATION

This is to certify that:

- The reverse side of this page is a true transcript of the student's academic or non-credit record at Oregon State University.
- This is the Official transcript only if it bears the seal of Oregon State University, the facsimile of the Registrar's signature, and is printed on fiber-finished paper which displays the University seal in orange. E-transcripts have a blue certificate banner at the top of the PDF file that reads "Certified by the Office of the Registrar, Oregon State University."

*This transcript has been printed and mailed by the Parchment Print facility using Parchment Security Paper. There may be slight differences from paper transcripts printed by Parchment, and printed onsite at Oregon State University. Please contact the Office of the Registrar at the telephone number provided at the top of this legend with questions.*

*This transcript has been forwarded to you at the request of the student with the understanding that it will not be released to other parties. The Family Educational Rights and Privacy Act of 1974 prohibits release of this information without the student's written consent.*