



*Sarah Reed*

Name: Ko, Woo Jin  
Birthdate: 09/24/1999

**Transfer Credits**

San Jose City College

	<u>Att</u>	<u>Earned</u>
Transfer Totals:	9.00	9.00

<u>Course</u>	<u>Title</u>	<u>Att</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMPSCI 61A	STR INTERP CMP PRGS	4.0	4.0	A-	14.80
ELENG 16A	DESIGN INFO DEV I	4.0	4.0	A-	14.80
ENGLISH R1B	READING AND COMP	4.0	4.0	B+	13.20
Term GPA	3.566	12.0	12.0	12.0	42.80
Term Totals					

**Test Credits**

<u>Test</u>	<u>Description</u>	<u>Earned</u>
AP USHST	AP AM HIST	5.3
AP CHEM	AP CHEM	5.3
AP CMPSCA	AP COMP SC A	1.3
AP ENGLNG	AP ENGL LANG	0
AP ENGCL	AP ENGL C/L	5.3
AP EURHST	AP EUR HIST	5.3
AP MATHBC	AP MATH BC	5.3
AP MATABS	AP MATH AB SUB	0
AP SPALNG	AP SPAN LANG	5.3
Test Credit Totals:		33.1

**2018 Spring**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

<u>Course</u>	<u>Title</u>	<u>Att</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMPSCI 61B	DATA STRUCTURES	4.0	4.0	B+	13.20
ELENG 16B	DESIGN INFO DEV II	4.0	4.0	A	16.00
ITALIAN 150AC	AMER CULT: ITALIAN	3.0	3.0	A	12.00
MATH 24	FRESHMAN SEMINARS	1.0	1.0	P	0.00
Term GPA	3.745	12.0	12.0	11.0	41.20
Term Totals					

**Degrees Awarded**

Degree: Bachelor of Science  
Confer Date: May 14, 2021  
College: College of Engineering  
Major: Electrical Engineering and Computer Sciences

**2018 Fall**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

**Beginning of Undergraduate Coursework**

**2017 Fall**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

<u>Course</u>	<u>Title</u>	<u>Att</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMPSCI 61C	MACHINE STRUCTURES	4.0	4.0	A-	14.80
COMPSCI 70	DISCRETE MATH&PROB	4.0	4.0	A-	14.80
COMPSCI 198	DIRECTED GROUP STDY	2.0	2.0	P	0.00
PHYSICS 7A	SCIENT ENGIN PHYS	4.0	4.0	B	12.00



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Term GPA	3.466	Term Totals	<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
			14.0	14.0	12.0	41.60

**2019 Spring**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

Course	Title	Att	Earned	Grade	Points
COMPSCI 188	ARTIF INTELLIGENCE	4.0	4.0	A	16.00
COMPSCI 198	DIRECTED GROUP STDY	2.0	2.0	P	0.00
COMPSCI 294	SPECIAL TOPICS	3.0	3.0	A-	11.10
ENGIN 185	STEM COMMUNICATION	3.0	3.0	A	12.00

Course	Title	Att	Earned	Grade	Points
COMPSCI 170	INTRO CS THEORY	4.0	4.0	A	16.00
COMPSCI 184	COMPUTER GRAPHICS	4.0	4.0	A-	14.80
MUSIC 27	INTRO WEST MUSIC	4.0	4.0	A	16.00
PHYSED 4	PE ACTIVITIES	0.5	0.5	P	0.00
	Hi-Int Basketball				

Term GPA	3.910	Term Totals	<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
			12.0	12.0	10.0	39.10

Term Honor: Dean's List

**2019 Summer**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

Course	Title	Att	Earned	Grade	Points	
COMPSCI 161	COMPUTER SECURITY	4.0	4.0	A-	14.80	
Term GPA	3.700	Term Totals	<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
			4.0	4.0	4.0	14.80

**2019 Fall**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

**2020 Spring**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

Undergraduate Notation: The COVID-19 global pandemic required mid-semester changes to enrollment deadlines and grading policy. All graded classes were converted to passed/not passed with the option to revert to letter grade prior to final exams. Students were encouraged to retain the passed/not passed option.

Course	Title	Att	Earned	Grade	Points	
COMPSCI C100	PRINC&TECH DATA SCI	4.0	4.0	P	0.00	
COMPSCI 189	INTRO MACHINE LEARN	4.0	4.0	P	0.00	
POLSCI 179	COLLOQ ON POL SCI	1.0	1.0	P	0.00	
PSYCH 198	DIRECTED GROUP STDY	1.0	1.0	P	0.00	
UGBA 198	DIRECTED GROUP STDY	2.0	2.0	P	0.00	
Term GPA	0.000	Term Totals	<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
			12.0	12.0	0.0	0.00

**2020 Fall**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences



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Undergraduate Notation: The COVID-19 global pandemic required mid-semester changes to enrollment deadlines and grading policy. Each college developed its own policy to allow students increased flexibility in converting graded classes to passed/not passed.

Undergraduate Career Totals  
Cum GPA 3.739 Cum Totals 147.6 147.6 68.0 254.30  
Completed EECS Honors Program

**End of UC Berkeley Undergraduate Coursework**

<u>Course</u>		<u>Title</u>	<u>Att</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ARCH	199	SUPERV INDEP STUDY	4.0	4.0	P	0.00
GLOBAL	198	DIRECTED GROUP STUDY	1.0	1.0	P	0.00
INDENG	171	TECH FIRM LEADRSHP	3.0	3.0	A	12.00
INDENG	195	NEWTON LECT SERIES	1.0	1.0	P	0.00
PHYSICS	7B	SCIENT ENGIN PHYS	4.0	4.0	P	0.00
POLSCI	179	COLLOQ ON POL SCI	1.0	1.0	P	0.00
SOCIOL	198	DIRECTED GROUP STDY	1.0	1.0	P	0.00
			<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
Term GPA	4.000	Term Totals	15.0	15.0	3.0	12.00

**2021 Spring**

Program: Undergrad Engineering  
Major: Electrical Engineering and Computer Sciences

Undergraduate Notation: The COVID-19 global pandemic required changes to enrollment deadlines and grading policy. Each college developed its own policy to allow students increased flexibility in converting graded classes to passed/not passed.

<u>Course</u>		<u>Title</u>	<u>Att</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMPSCI	H196A	SR HONORS THESIS	4.0	4.0	A	16.00
LS	C160V	HUMAN HAPPINESS	3.0	3.0	P	0.00
LS	C180U	WEALTH AND POVERTY	4.0	4.0	P	0.00
POLSCI	179	COLLOQ ON POL SCI	1.0	1.0	P	0.00
			<u>Att</u>	<u>Earned</u>	<u>Gr Units</u>	<u>Points</u>
Term GPA	4.000	Term Totals	12.0	12.0	4.0	16.00

Office of the Registrar  
University of California  
Berkeley, California 94720-5404

## History

The University of California was created by an Act of the State Legislature in 1868, and classes have been given at Berkeley since 1873.

## Units of Credit

Until September 1966, credits were recorded as semester units (hours). From September 1966 through summer 1983 credits were recorded as quarter units (hours). Beginning with the fall term, 1983, credits are recorded as semester units (hours). Quarter system requires 180 units for bachelor's degree. Semester system, 120.

## Transfer Credit

Only credit that is accepted by the University is indicated on the transcripts of Berkeley students. Individual courses are not shown. Examinations and credits accepted are indicated on the transcript in the same manner as transfer credit.

## Course Numbering System

- 1 - 99 - Lower division courses
- 100 - 199 - Upper division courses
- 200 - 299 - Graduate courses
- 300 - 499 - Professional courses for teachers or prospective teachers
- 600 - 602 - Special Study

## COVID-19 Spring 2020 – Spring 2021

Undergraduate: The COVID-19 global pandemic required changes to enrollment deadlines and grading policy. Each college developed its own policy to allow students increased flexibility in converting graded classes to passed/not passed.

Graduate: The COVID-19 global health pandemic resulted in academic policy changes in respect to milestone completion, and grading.

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# Transcript Information

## Grades of Scholarship

### Grades

The work of all students on the Berkeley campus is reported in terms of the following grades:

- A - Excellent
- B - Good
- C - Fair
- D - Barely Passed
- F - Failure
- P - Passed at minimum level of C-
- NP - Not Passed
- S - Satisfactory or passed at a minimum level of B-
- U - Unsatisfactory
- I - Work incomplete, due to circumstances beyond the student's control, but of passing quality
- IP - Work in progress; final grade to be assigned upon completion of entire course sequence
- M - Temporary administrative grade; not included in grade point computation

The grades A, B, C, and D may be modified by plus (+) or minus (-) suffixes.

### Grade Points

Grade points per unit are assigned as follows:

A=4, B=3, C=2, D=1, and F=none. When attached to the grades A, B, C, and D, plus (+) grades carry three-tenths of a grade point more per unit, and minus (-) grades carry three-tenths of a grade point less per unit than unsuffixed grades, except for A+, which carries 4.0 grade points per unit as does an A.

Courses graded P, NP, S, U, I, IP, or M are not used in computing the grade point average.

## Academic Standing

### Good Standing

*Undergraduate:* C average

*Graduate:* B average or better on all work attempted at any UC campus after a bachelor's degree.

### Academic Probation

Undergraduate students are placed on academic probation if at the end of any term their cumulative grade point average is less than 2.0 (C average) computed on the total of all courses undertaken in the University. However, in the Colleges of Chemistry and Engineering, probation is determined on a term basis.

## Credit Codes

Credit codes may determine the calculation of credit or annotate a course entry as follows:

## Current Records System

*Fall 1995 to Present*

*Note:* An "I" assigned as of Fall 1973 to present is not included in grade point computation.

*Pass/Fail Courses*

PN - Course offered only on Pass/Not Pass basis  
EPN - Undergraduate grading option Passed/Not Passed  
ESU - Graduate grading option Satisfactory/Unsatisfactory  
SUS - Graduate courses offered only on Satisfactory/Unsatisfactory basis

PN, EPN, ESU, SUS courses are not included in units ATTM (attempted) or units PSSD (passed), but are included in CREDITS COMPLETED.

*Prefixes*

- C - Cross-listed
- H - Honors
- N - Summer course
- R - Reading & Composition
- W - On-line

## Previous Record Systems

Prior to Fall 1975

*Note:* An "I" assigned prior to Fall 1973 is included in grade point computation as an F grade.