

## Undergraduate-Unofficial Transcript

Name: Li,Kangbo  
SIS ID: 0005547175

## Campus ID: 9073939853

Birthdate: 03/22/1996  
Print Date: 10/14/2019  
Institution Info: University of Wisconsin-Madison  
Other Institutions Attended  
Northeast Yucai School Liaoning Provinc, CHN  
9th Grade Transcript

## Degrees Awarded

Degree: Bachelor of Science-Engineering Physicswith Honors in Research  
Confer Date: 05/12/2019  
Degree GPA: 3.991  
Degree Honors: Graduated with Highest Distinction  
Major: Engineering Physics  
Honors: Honors in Research  
Degree: Additional Major  
Confer Date: 05/12/2019  
Degree GPA: 3.991  
Major: Computer Sciences  
Honors: Distinction in the Major

10-02-2015

--GER Quantitative Reasoning Part A satisfied.

## Beginning of Undergraduate Record

## Fall 2015-2016

Program: Mechanical Engineering  
Major: Mechanical Engineering BS  
Program: Certificates - Undergraduate  
Certificate: Computer Sciences Cert

Session: Regular (09/02/2015 - 12/15/2015)

Course	Description	Attempted	Earned	Grade	Points
CHEM 109	PEC Advanced General Chemistry	5.000	5.000	A	20.000
E M A 201	r Statics	3.000	3.000	A	12.000
ESL 117	Academic Writing I	3.000	3.000	CR	0.000
INTEREGR 160	Intro to Engineering Design	3.000	3.000	A	12.000
MATH 234	NIC Calc--Functns of Variables	4.000	4.000	A	16.000

Other Credits Applied Toward Mechanical Engineering

Course	Description	Attempted	Earned	Grade	Points
MATH 221	Calculus&Analytic Geometry 1	5.000	5.000	T	0.000
MATH 222	Calculus&Analytic Geometry 2	4.000	4.000	T	0.000
Transfer Other Totals:		9.000	9.000		0.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	4.000	18.000	18.000	15.000	60.000
Adv Stg Term Summary:	N/A	9.000	9.000	0.000	0.000
Combined Term Summary:	N/A	27.000	27.000	15.000	60.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Cum Summary:	4.000	18.000	18.000	15.000	60.000
Adv Stg Cum Summary:	N/A	9.000	9.000	0.000	0.000
Combined Cum Summary:	N/A	27.000	27.000	15.000	60.000

Term Honor: Dean's Honor List

## Spring 2015-2016

Program: Mechanical Engineering  
Major: Mechanical Engineering BS  
Program: Certificates - Undergraduate  
Certificate: Computer Sciences Cert

Session: Regular (01/19/2016 - 05/06/2016)

Course	Description	Attempted	Earned	Grade	Points
COMP SCI 302	NIC r Introduction to Programming	3.000	3.000	A	12.000
ESL 118	EC a Academic Writing II	3.000	3.000	A	12.000
GERMAN 203	IC Third Semester German	4.000	4.000	A	16.000
MATH 320	NAC Linear Alg & Diff Equations	3.000	3.000	A	12.000
M E 240	Dynamics	3.000	3.000	A	12.000
PHYSICS 202	PIC General Physics	5.000	5.000	A	20.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	4.000	21.000	21.000	21.000	84.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	21.000	21.000	21.000	84.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Cum Summary:	4.000	39.000	39.000	36.000	144.000
Adv Stg Cum Summary:	N/A	9.000	9.000	0.000	0.000
Combined Cum Summary:	N/A	48.000	48.000	36.000	144.000

Term Honor: Dean's Honor List

## Fall 2016-2017

Program: Engineering Physics  
Major: Engineering Physics BS  
Program: Certificates - Undergraduate  
Certificate: Computer Sciences Cert  
Program: Additional Undergrad Major  
Major: Computer Sciences

Test Credits Applied Toward Engineering Physics

Course	Description	Attempted	Earned	Grade	Points
GERMAN 101	First Semester German	4.000	4.000	T	0.000
GERMAN 102	Second Semester German	4.000	4.000	T	0.000
Transfer Test Totals:		8.000	8.000		0.000

Session: Regular (09/06/2016 - 12/15/2016)

Course	Description	Attempted	Earned	Grade	Points
COMP SCI 367	NIC r Intro to Data Structures	3.000	3.000	A	12.000
COMP SCI 412	NIC Intro to Numerical Methods	3.000	3.000	A	12.000
E C E 252	ECx Intro to Computer Engineering	2.000	2.000	A	8.000
E P 468	Intro to Engineering Research	1.000	1.000	A	4.000
Honors: Accelerated Honors (!)					
M S & E 351	Struct&Property Rels-Solids	3.000	3.000	A	12.000
PHYSICS 241	PIC Intro to Modern Physics	3.000	3.000	A	12.000
STAT 311	NAC Intro Math Sat (Theo, Meth) I	3.000	3.000	A	12.000

Academic Standing Effective 12/24/2016: Action Pending Removal of Incomplete

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	4.000	18.000	18.000	18.000	72.000
Adv Stg Term Summary:	N/A	8.000	8.000	0.000	0.000
Combined Term Summary:	N/A	26.000	26.000	18.000	72.000

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	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Cum Summary:	4.000	57.000	57.000	54.000	216.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	74.000	74.000	54.000	216.000

## Spring 2016-2017

Program: Engineering Physics  
Major: Engineering Physics BS  
  
Program: Additional Undergrad Major  
Major: Computer Sciences

Session: Regular (01/17/2017 - 05/04/2017)

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMP SCI 352	PICxr Digital System Fundamentals	3.000	3.000	A	12.000
COMP SCI 354	NICxr Machine Organizatn&Progrmg	3.000	3.000	A	12.000
COMP SCI 475	NACx Intro-Combinatorics	3.000	3.000	A	12.000
MATH 321	NAC Appl Mathematical Analysis	3.000	3.000	A	12.000
	Honors: Accelerated Honors (!)				
MATH 341	NAC Linear Algebra	3.000	3.000	A	12.000
	Honors: Accelerated Honors (!)				
PHYSICS 322	PAC Electromagnetic Fields	3.000	3.000	A	12.000
PHYSICS 531	PAC Intro to Quantum Mechanics	3.000	3.000	A	12.000

Academic Standing Effective 05/13/2017: Cleared of Previous Action

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Term Summary:	4.000	21.000	21.000	21.000	84.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	21.000	21.000	21.000	84.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Cum Summary:	4.000	78.000	78.000	75.000	300.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	95.000	95.000	75.000	300.000

Term Honor: Dean's Honor List

## Summer 2017

Program: Engineering Physics  
Major: Engineering Physics BS  
  
Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: DHH (06/19/2017 - 08/13/2017)

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
MATH 521	NAC Analysis I	3.000	3.000	A	12.000
M E 306	Mechanics of Materials	3.000	3.000	A	12.000
M E 361	Thermodynamics	3.000	3.000	A	12.000

Session: ACC (05/30/2017 - 06/18/2017)

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ASIAN AM 121	e ECx Asian American Movement	3.000	3.000	A	12.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Term Summary:	4.000	12.000	12.000	12.000	48.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	12.000	12.000	12.000	48.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Cum Summary:	4.000	90.000	90.000	87.000	348.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	107.000	107.000	87.000	348.000

## Fall 2017-2018

Program: Engineering Physics  
Major: Engineering Physics BS  
  
Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: Regular (09/06/2017 - 12/13/2017)

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMP SCI 537	NAC Intro to Operating Systems	4.000	4.000	A	16.000
COMP SCI 577	NAC Introduction to Algorithms	4.000	4.000	A	16.000
E C E 740	Electromagnetic Theory	3.000	3.000	A	12.000
PHYSICS 623	PAC Electronic Aids to Measmnt	4.000	4.000	A	16.000
PHYSICS 731	Quantum Mechanics	3.000	3.000	A	12.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Term Summary:	4.000	18.000	18.000	18.000	72.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	18.000	18.000	18.000	72.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Cum Summary:	4.000	108.000	108.000	105.000	420.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	125.000	125.000	105.000	420.000

Term Honor: Dean's Honor List

## Spring 2017-2018

Program: Engineering Physics  
Major: Engineering Physics BS  
  
Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: Regular (01/23/2018 - 05/04/2018)

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
COMP SCI 564	PIC Database Mgt Systems	4.000	4.000	A	16.000
E C E 742	Computatnl Meth- Electromagntcs	3.000	3.000	A	12.000
E M A 307	x Mechanics of Materials Lab	1.000	1.000	A	4.000
E P 469	Research Proposal-Engr Physics	1.000	1.000	A	4.000
	Honors: Accelerated Honors (!)				
MATH 715	x Methods of Computatnl Math II	3.000	3.000	A	12.000
PHYSICS 551	PAC Solid State Physics	3.000	3.000	A	12.000
PHYSICS 732	Quantum Mechanics	3.000	3.000	A	12.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Term Summary:	4.000	18.000	18.000	18.000	72.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	18.000	18.000	18.000	72.000

	<u>GPA</u>	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
UW-Madison Cum Summary:	4.000	126.000	126.000	123.000	492.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	143.000	143.000	123.000	492.000

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## Summer 2018

Program: Engineering Physics  
Major: Engineering Physics BS  
Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: ADD (05/29/2018 - 06/24/2018)

Course	Description	Attempted	Earned	Grade	Points
E P D 397	b Technical Communication	3.000	3.000	A	12.000

Session: BHH (06/04/2018 - 07/29/2018)

Course	Description	Attempted	Earned	Grade	Points
E P D 275	Technical Presentations	2.000	2.000	A	8.000

Session: ZDD (05/21/2018 - 06/17/2018)

Course	Description	Attempted	Earned	Grade	Points
COMP SCI 638	NAC Undergrad Topics-Computing	1.000	1.000	A	4.000

Course Topic: Secure Programming Techniques

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	4.000	6.000	6.000	6.000	24.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	6.000	6.000	6.000	24.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Cum Summary:	4.000	132.000	132.000	129.000	516.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	149.000	149.000	129.000	516.000

## Fall 2018-2019

Program: Engineering Physics  
Major: Engineering Physics BS

Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: Regular (09/05/2018 - 12/12/2018)

Course	Description	Attempted	Earned	Grade	Points
COMP SCI 520	NAC Intro to Theory of Computing	3.000	3.000	A	12.000
COMP SCI 532	PACx Mtrx Mthds in Machine Learning	3.000	3.000	A	12.000
COMP SCI 640	DC Intro to Computer Networks	3.000	3.000	A	12.000
E P 568	Research Pract-Engr Physics I	3.000	3.000	A	12.000
	Honors: Accelerated Honors (!)				
M E 573	Computational Fluid Dynamics	3.000	3.000	A	12.000
SLAVIC 141	EC 1st Semester Serbo-Croatian	3.000	3.000	A	12.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	4.000	18.000	18.000	18.000	72.000
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	18.000	18.000	18.000	72.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Cum Summary:	4.000	150.000	150.000	147.000	588.000
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	167.000	167.000	147.000	588.000

Term Honor: Dean's Honor List

## Spring 2018-2019

Program: Engineering Physics  
Major: Engineering Physics BS  
Honors: Honors in Research

Program: Additional Undergrad Major  
Major: Computer Sciences BMAJ

Session: Regular (01/22/2019 - 05/03/2019)

Course	Description	Attempted	Earned	Grade	Points
COM ARTS 368	SIC Thy&Practice of Persuasion	3.000	3.000	A	12.000
E P 569	Research Pract-Engr Physics II	3.000	3.000	A	12.000
	Honors: Accelerated Honors (!)				
MUSIC 151	HEC Basic Concepts-Music Theory	3.000	3.000	A	12.000
PHYSICS 715	Statistical Mechanics	3.000	3.000	AB	10.500
SLAVIC 242	HEC Lit & Culture-Eastrn Europe	3.000	3.000	A	12.000

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Term Summary:	3.900	15.000	15.000	15.000	58.500
Adv Stg Term Summary:	N/A	0.000	0.000	0.000	0.000
Combined Term Summary:	N/A	15.000	15.000	15.000	58.500

	GPA	Attempted	Earned	GPA Units	Points
UW-Madison Cum Summary:	3.991	165.000	165.000	162.000	646.500
Adv Stg Cum Summary:	N/A	17.000	17.000	0.000	0.000
Combined Cum Summary:	N/A	182.000	182.000	162.000	646.500

Term Honor: Dean's Honor List

Undergraduate Career Totals  
Advanced Standing Credits: 17.000  
Cum Credits: 182.000  
Cum GPA Credits: 162.000  
Cum Grade Points: 646.500  
GPA: 3.991

## Non-Course Milestones

Program: Engineering Physics  
Engineering Progression Requirement Milestone  
Status: Completed  
Date Completed: 08/29/2016

Program: Mechanical Engineering  
Engineering Progression Requirement Milestone  
Status: Not Completed

## Memoranda

05-07-2015  
--English 118 must be taken to satisfy  
GER Communication Part A.  
03-01-2017  
Grade changed in Comp Sci 412 (1172) from I to A  
work completed: 2/10/2017.

End of Undergraduate-Unofficial Transcript