

# Dongge Jia

Tel: +1 (412)-657-1284, Email: [doj14@pitt.edu](mailto:doj14@pitt.edu)  
[Homepage](#), [GitHub](#)

## SKILLS

Imitation learning with NeRF-enhanced demonstrations  
Visual autoregressive modeling  
Deep reinforcement learning  
ManiSkill 3 and RLBench  
Numerical and analytical solver development for PDEs in mechanics  
Multiphysics and multiscale modeling

## EDUCATION

University of Pittsburgh (Pitt), Pennsylvania	2022–2024
<b>PhD Student</b> (Voluntarily Withdrawn to Pursue a Career in Artificial Intelligence)	
Focus: Computational Mechanics (supervised research) and Machine Learning (independent research)	
GPA: 4.0/4.0 (43 credit hours)	
Graduate Courses: Introduction to Machine Learning (at Carnegie Mellon University via cross-registration); Mathematics of Data-Enabled Science and Engineering; among others	
<b>Computer Science</b> College Credits through ACE and Thomas Edison State University	2024
Average Grade: 93.8/100 (12 credit hours)	
Undergraduate Courses ( <a href="#">transcript link</a> ): Operating Systems; Computer Architecture; Discrete Mathematics; Network System Design	
<b>Shanghai Jiao Tong University</b> (SJTU), Shanghai, China	2019–2022
M.S. in Civil Engineering	
GPA: 3.76/4.0 (Rank: 2 <sup>nd</sup> out of 29)	
<b>Huazhong University of Science and Technology</b> (HUST), Wuhan, China	2015–2019
B.Eng. in Civil Engineering	
GPA for second to fourth years: 3.91/4.0 (Rank: 2 <sup>nd</sup> out of 86)	
My first-year grades were not strong due to health challenges	
Courses (Grades): Probability Theory and Mathematical Statistics (99/100); Numerical Methods (94/100); Advanced Programming Language (C++) (91/100); Database System Technology and Applications (94/100)	
National University of Singapore (NUS), Singapore	Summer 2018
Summer Program: “Issues in Infrastructural Development in Singapore”	
Exceptional Performance at China National College Entrance Examination (top 0.3%)	2015

## HONORS & AWARDS [https://donggejia.github.io/docs\\_store/Honors.pdf](https://donggejia.github.io/docs_store/Honors.pdf)

Ministry of Education of China, 1 [Global Gold Award \(top 0.1%\)](#) + 2 Shanghai Gold Award (top 1%) in [the China International College Students' Innovation Competition](#) (Project 1: Digital Twin System for Bridge Maintenance; Project 2: Modified Carbon Fiber Mineral-based Reinforcements), 2024

SJTU, COSCO SHIPPING Scholarship (top 2.5%), 2021

SJTU, Yuqiu Yang Scholarship (top 2.5%), 2020

SJTU, Qingyang Jin Scholarship (top 3%), 2020

SJTU, First-Class Research Fellowship, 2019, 2020, 2021 (three times)

HUST, Outstanding Graduate, 2019

HUST, **Star of Learning and Innovation** (top 0.5%), 2018

HUST, **Merit Student** (top 3%), 2017, 2018 (twice)

Ministry of Education of China, **National Encouragement Scholarship** (top 3%), 2017, 2018 (twice)

HUST, Excellent Student Cadre, 2017, 2018 (twice)

HUST, Excellent College Assistantship, 2017

HUST, Excellent Singer, 2016

## RESEARCH EXPERIENCES <https://donggejia.github.io/>

### **Imitation Learning for Generalizable Visuomotor Control**

2024

Designed a generalizable neural feature field (GNF) to reconstruct 3D voxel-based demonstrations enriched with semantic understanding;

Developed the next-scale vision-language modeling of GNF for multi-task robotic policy learning.

### **Task Offloading for Networked UAVs Using Deep Reinforcement Learning**

2024

Developed deep reinforcement learning algorithms—TD3, PPO, and DDPG—for task offloading among UAVs.

### **Landmark Localization in Medical Images**

2024

Implemented a convolutional SpatialConfiguration-Net (SCN) model for accurate hand joint localization and labeling.

### **Solving PDEs for Thermal-Mechanical Modeling of Cervical Spine, Concrete, and Soft Soil**

2018–2023

Conducted inverse property optimizations for the biomechanical modeling of cervical spine; Created efficient solutions for the thermal-mechanical modeling of concrete and soft clay.

## PUBLICATIONS

### **Peer-Reviewed Articles**

[5] **Jia, D.**, Xie, J. and Atanasov, N. NSactor: Next-scale vision-language modeling for multi-task robotic manipulation. (in preparation, target at IROS 2025)

[https://donggejia.github.io/docs\\_store/Dongge\\_IROS2025.pdf](https://donggejia.github.io/docs_store/Dongge_IROS2025.pdf)

[4] Zhang, X., **Jia, D.** and Xie, J. Task offloading for networked UAVs using deep reinforcement learning. (in preparation) [https://donggejia.github.io/docs\\_store/Wimob.pdf](https://donggejia.github.io/docs_store/Wimob.pdf)

[3] **Jia, D.**, Brigham, J. C., and Fascetti, A. An efficient static solver for the lattice discrete particle model. *Computer-Aided Civil and Infrastructure Engineering*, 39, 3531–3551, 2024. (**5-year IF: 10.8, 97th percentile** in “Computational Theory and Mathematics”) <https://doi.org/10.1111/mice.13306>

[2] Zhu, Y. and **Jia, D. (two co-first authors)**, Brigham, J. C., and Fascetti, A. Coupled Lattice Discrete Particle Model for the simulation of water and chloride transport in cracked concrete members. *Computer-Aided Civil and Infrastructure Engineering*, online early view before inclusion in an issue, 2024. (**5-year IF: 10.8, 97th percentile** in “Computational Theory and Mathematics”) <https://doi.org/10.1111/mice.13385>

[1] **Jia, D.**, Gao, W., Duan, D., Yang, J., and Dai, J. Full-range behavior of FRP-to-concrete bonded joints subjected to combined effects of loading and temperature variation. *Engineering Fracture Mechanics*, 254, 107928, 2021. (5-year IF: 4.8, 90th percentile in “Mechanical Engineering”)

<https://doi.org/10.1016/j.engfracmech.2021.107928>

### **Conference Presentations (without Proceedings)**

[3] **Jia, D.**, Ouhsousou, S., LeVasseur, C. M., Shaw, J., Anderst, W., and Brigham, J. C. In vivo subject-

specific estimation of cervical spine disc material properties. Presentation at *the 8th International Conference on Computational and Mathematical Biomedical Engineering (CMBE)*, Arlington, Virginia, 2024. [https://donggejia.github.io/docs\\_store/Spine CMBE 2024.pdf](https://donggejia.github.io/docs_store/Spine CMBE 2024.pdf)

[2] **Jia, D.**, Brigham, J. C., and Fascetti, A. An efficient static solver for the lattice discrete particle model. Presentation at *Engineering Mechanics Institute Conference and Probabilistic Mechanics & Reliability Conference (EMI/PMC 2024)*, Chicago, Illinois, 2024.

[https://donggejia.github.io/docs\\_store/EMI.pdf](https://donggejia.github.io/docs_store/EMI.pdf)

[1] **Jia, D.**, Zhu, Y., Brigham, J. C., and Fascetti, A. A novel dual lattice discrete particle model for multiphysics simulation of coupled mechanical and transport behavior in concrete members subjected to long-term loading. Presentation at *the 16th World Congress on Computational Mechanics and 4th Pan American Congress on Computational Mechanics (WCCM-PANACM)*, Vancouver, Canada, 2024.

[https://donggejia.github.io/docs\\_store/Multiphysics\\_WCCM.pdf](https://donggejia.github.io/docs_store/Multiphysics_WCCM.pdf)

## Undergraduate Research

[2] Xu, D. (advisor), and **Jia, D.** MATLAB-based software: Long-term settlement calculation software for soft clay foundation considering different creep effects. *China Copyright Administration*, No. 04768603, 2019. [https://donggejia.github.io/docs\\_store/copyright.png](https://donggejia.github.io/docs_store/copyright.png)

[1] Xu, D. (advisor), **Jia, D.**, and Zheng, Y. One-dimensional elastic visco-plastic nonlinear consolidation model of soft clay under cyclic loading. *Chinese Preprint*, 2018.

[https://donggejia.github.io/docs\\_store/elastic visco-plastic nonlinear consolidation model final submit.pdf](https://donggejia.github.io/docs_store/elastic visco-plastic nonlinear consolidation model final submit.pdf)

## PROGRAMMING

---

Proficient in PyTorch, Python, Julia, C++, MATLAB, and Mathematica  
Familiar with VBA, SQL, and Fortran

Developed three open-source software tools, available on my [GitHub](#) repository:

### LDPMILab

The first open-source, multi-functional Julia package for the Lattice Discrete Particle Model, integrating my work in multiphysics modeling and featuring both static and dynamic solvers

### SpatialConfiguration-Net Using PyTorch

An efficient implementation of SpatialConfiguration-Net with a more structured and concise codebase

### Calcusettlement

MATLAB-based software for calculating settlements of soft clay foundations under diverse dynamic loading conditions, incorporating different creep effects

## INTERNSHIPS

---

**Intern** on the ExpandAI@SD Project (SDSURF & UCSD), California

2024

Researching imitation learning for robotic manipulation and deep reinforcement learning for task offloading among networked UAVs.

**Computer Engineering Intern** at [Alibaba Cloud](#), Hangzhou, China

Summer 2022

Developed a **Recurrent Neural Network (RNN)** model to predict energy consumption patterns in a server room of an Internet Data Center.

**Industry Analysis Intern** at China Industrial Securities, Shanghai, China

Summer 2021

Conducted an in-depth analysis of post-COVID-19 real estate market trends in China and the US, identifying emerging opportunities and growth stocks.

## **SERVICE**

---

**Reviewer for Academic Journals,** *IEEE Transactions on Systems, Man and Cybernetics: Systems; Computer-Aided Civil and Infrastructure Engineering*

**Business Manager**, International Engineering Students' Organization at Pitt 2024

**Teaching Assistant**, CEE 1330 - Introduction to Structural Analysis at Pitt Spring 2023

**Group Leader**, 10th Future Entrepreneur Training Camp at HUST 2018

**Director**, Publicity Department of the Student Union at HUST 2017–2018

## **CERTIFICATES**

---

[Alibaba Cloud Certifications](#): IT Technical Service; Data Center Infrastructure Engineering

China Computer Rank Certifications: Database Technology; C++; MySQL

## **REFERENCES**

---

John Brigham, Associate Professor

Department of Civil and Environmental Engineering

Department of Bioengineering

University of Pittsburgh

+1 412-624-9047, [brigham@pitt.edu](mailto:brigham@pitt.edu)

Alessandro Fascetti, Assistant Professor

Department of Civil and Environmental Engineering

Department of Bioengineering

University of Pittsburgh

+1 412-624-9884, [fascetti@pitt.edu](mailto:fascetti@pitt.edu)

Jian Yang, Professor, Deputy Dean

School of Naval Architecture, Ocean & Civil Engineering

Shanghai Jiao Tong University

+86 139-1765-4726, [j.yang.1@sjtu.edu.cn](mailto:j.yang.1@sjtu.edu.cn)

Wanyang Gao, Associate Professor

Department of Civil Engineering

Shanghai Jiao Tong University

+86 138-1849-7427, [wanyanggao@sjtu.edu.cn](mailto:wanyanggao@sjtu.edu.cn)

Huabei Liu, Professor, Dean

School of Civil and Hydraulic Engineering

Huazhong University of Science and Technology

+86 135-5410-6835, [h bliu@hust.edu.cn](mailto:h bliu@hust.edu.cn)

Dongsheng Xu, Professor, Deputy Dean

School of Civil Engineering

Wuhan University of Technology

Former Professor at Huazhong University of Science and Technology

+86 138-8606-4513, [dsxu@whut.edu.cn](mailto:dsxu@whut.edu.cn)



# 华中科技大学

HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

## UNDERGRADUATE ACADEMIC RECORD

Name: Jia Dongge

Student ID: U201515350

Department: School of Civil Engineering &amp; Mechanics

Major: Civil Engineering

Date of Entrance: 01/09/2015

Length of Schooling: 4 years



Course	Credit	Result	Course	Credit	Result			
<b>2015-2016 1st Semester</b>								
Physical Education(I)	1.0	95	General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	3.5	88			
Engineering Graphics(IV) part A	2.5	90	Music and Movies	2.0	88			
Advanced Programming Language (C++)	3.0	91	Football (Elementary)	1.0	83			
Military Training	1.0	98	<b>2017-2018 1st Semester</b>					
Fundamentals of Ideological and Ethical Standards & Law	2.5	94	Elasticity Theory	2.0	94			
Calculus (I) (A)	5.5	65	Roadway Survey and Design Course Project	1.0	90			
Introduction to Discipline	0.5	86	Surveying and Road Design	4.0	93			
Comprehensive English (I)	3.5	68	Fundamental Principles of Steel Structure	3.0	84			
<b>2015-2016 2nd Semester</b>								
Physics (I)	4.0	70	Engineering Geology	1.5	89			
Engineering Graphics (IV) part B	2.0	84	Engineering Geological Practicum	0.5	A			
Outdoor Sports (Elementary)	1.0	96	Management and Laws of Construction	1.5	92			
Theoretical Mechanics	3.0	80	Project					
Social Practice in Ideological and Political Education	1.5	88	Fundamental Principles of Concrete Structures	4.0	81			
Calculus (I) (B)	5.5	77	Structural Mechanics(II)	2.0	99			
Experiment of Physics(I)	1.0	72	Principles of Structural Design Project	1.0	89			
Linear Algebra	2.5	74	Subgrade and Road Surfacing Engineering	3.5	85			
Selected Readings of English Newspapers and Magazines (General Elective)	2.0	70	Subgrade and Road Surfacing Project	0.5	91			
Survey of Modern Chinese History	2.0	72	Hydrology of Bridge and Culvert	1.5	93			
Chinese	2.0	81	Soil Mechanics	2.0	83			
Comprehensive English (II)	3.5	60	<b>2017-2018 2nd Semester</b>					
<b>2016-2017 1st Semester</b>								
The FORTRAN Programming Language	1.5	86	Construction Techniques of Roads and Bridges	1.5	89			
Mechanics of Materials	3.5	94	Subgrade Treatment Technology	1.5	90			
Physics (II)	4.0	88	Fundamental Principles of Steel Structure Course Design	0.5	90			
College Music--Read Sheet Music	2.0	93	Foundation Engineering Project	0.5	93			
Probability Theory and Mathematical Statistics (III)	2.5	99	Design Principles of Foundation Engineering	2.0	94			
Engineering Economics	1.5	83	Structural Dynamics and Stability	2.0	91			
Introduction to Environmental Protection and Sustainable Development	1.0	76	Computerized Bridge Structural Analysis and Its Software Applications	1.5	93			
Military Theory	1.0	97	Bridge Engineering	4.5	90			
Introduction to Basic Principles of Marxism	2.5	86	Bridge Engineering Project	1.0	90			
Database System Technology and Applications	2.0	94	Wind or Seismic Resistant Design for Bridges	1.5	94			
Tennis (Elementary)	1.0	95	Testing and Reinforcement of Bridge Decks	2.0	91			
Experiment of Physics(II)	0.8	82	EQ Training	2.0	77			
<b>2016-2017 2nd Semester</b>								
Survey Practicum	0.5	88	Field Practice (Social Practice)	2.0	90			
Engineering Surveying	2.5	96	Psychology & Life	2.0	80			
Engineering Chemistry & Civil Engineering Materials	4.0	95	Situation and Policy	2.0	88			
Numerical Methods	2.5	94	The Finite Element Method	2.0	92			
Structural Mechanics(I)	3.0	92	<b>2018-2019 1st Semester</b>					
Fluid Mechanics	1.5	89	Construction Budgeting & Bidding	1.5	84			
<b>2018-2019 2nd Semester</b>								
			Project Safety and Disaster Prevention and Reduction	1.5	84			
			Introduction to Construction Supervision	1.5	82			
			Tunnel Engineering	1.5	85			
			Undergraduate Thesis	16.0	88			

Turn to Next Column

Turn to Next Page

Provost:

Huazhong University of Science and Technology

Page 1 of 2  
Issue Date: 13/5/2021

&lt;img alt="Red oval stamp reading '本科成绩专用章' (Special Seal for Undergraduate Grades) over the university seal&lt;/div&gt;

# 成绩单绩点说明及计算公式

The system of Grade Point Average

成绩标注采用以下三种绩点

一、百分制绩点：

85-100分=4.0, 70分-84分=2.5-3.9, 60分-69分=1.5-2.4  
(每1分为0.1绩点)

二、四分制绩点：

优=4.0, 良=3.5, 中=2.5, 及格=1.5

三、二分制绩点：

通过=3.0

The system of GPA used for academic transcript of Huazhong University of Science and Technology is established as follows:

1. Hundred -mark system:

(1) 85~100=4.0, (2) 60~84=1.5~3.9 (add 0.1 for every one more point)

2. Four-grade marking system:

Excellent (A) =4.0; good(B)=3.5; satisfactory(C)=2.5; pass(D)=1.5

3. Two-grade marking system:

Pass=3.0

$$\text{加权平均成绩} = \frac{\sum (\text{课程学分} \times \text{课程成绩})}{\sum \text{课程学分}}$$

$$\text{Cumulative Average Grade} = \frac{\sum (\text{credits} * \text{grade})}{\sum \text{credits}}$$

华中科技大学  
教务处

Academic Affairs Office  
Huazhong University of Science and Technology



华中科技大学  
HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNDERGRADUATE ACADEMIC RECORD

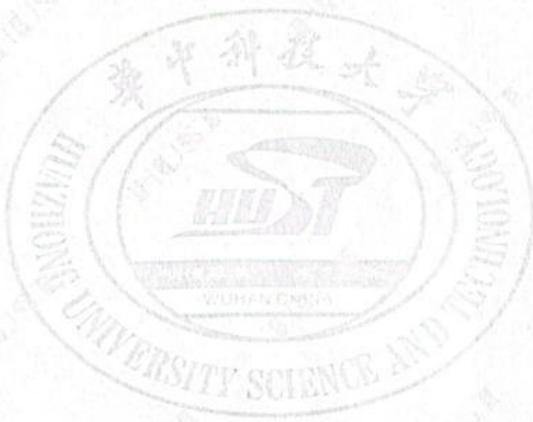
Name: Jia Dongge  
Student ID: U201515350

Department: School of Civil Engineering & Mechanics  
Major: Civil Engineering

Date of Entrance: 01/09/2015  
Length of Schooling: 4 years



Course	Credit Result	Course	Credit Result
Laboring for Public Benefit	0.5	80	
Credits:162.3	Cumulative Average Grade:86.0		
GPA: 3.69			



Provost:

Huazhong University of Science and Technology



# 成绩单绩点说明及计算公式

The system of Grade Point Average

成绩标注采用以下三种绩点

一、百分制绩点：

85-100分=4.0, 70分-84分=2.5-3.9, 60分-69分=1.5-2.4  
(每1分为0.1绩点)

二、四分制绩点：

优=4.0, 良=3.5, 中=2.5, 及格=1.5

三、二分制绩点：

通过=3.0

The system of GPA used for academic transcript of Huazhong University of Science and Technology is established as follows:

1. Hundred -mark system:

(1) 85~100=4.0, (2) 60~84=1.5~3.9 (add 0.1 for every one more point)

2. Four-grade marking system:

Excellent (A) =4.0; good(B)=3.5; satisfactory(C)=2.5; pass(D)=1.5

3. Two-grade marking system:

Pass=3.0

$$\text{加权平均成绩} = \frac{\sum (\text{课程学分} \times \text{课程成绩})}{\sum \text{课程学分}}$$

$$\text{Cumulative Average Grade} = \frac{\sum (\text{credits} * \text{grade})}{\sum \text{credits}}$$

华中科技大学  
教务处

Academic Affairs Office  
Huazhong University of Science and Technology



Date of Issue: June 13, 2022

Name: Jia Dongge  
 Nationality: The People's Republic of China  
 Student ID: 119010910037  
 Study Program: Academic Master  
 School: School of Naval Architecture, Ocean & Civil Engineering  
 Major: Civil Engineering

Gender: Male  
 Date of Birth: Oct. 14, 1996  
 Enrollment Date: Sept. 2019  
 Supervisor: Gao Wanyang

Remarks:

COURSE TITLE		CREDIT	GRADE	SEMESTER
☆	Variational Theory and Finite Element Method	3	A-	2020 Spring
☆	Sustainable Construction	2	A	2020 Spring
	Special Building Materials	2	A	2020 Spring
☆	Structural Design for Fire	2	A+	2020 Spring
☆	Scientific Writing, Integrity and Ethics	1	A	2020 Spring
	Academic Seminars	2	B	2020 Spring
	Fracture Mechanics	2	A-	2020 Spring
	Frontiers of Materials Science and Engineering	2	B+	2020 Spring
☆	Soft Ground Improvement	2	A	2019 Fall
☆	Spatial Braced and Dome Structures	3	A	2019 Fall
☆	English for Academic Purposes	2	B+	2019 Fall
	Physical Education	2	P	2019 Fall
	Theory and Practice of Socialism with Chinese Characteristics in the New Era	2	B+	2019 Fall
	Introduction to Dialectics of Nature	1	A-	2019 Fall
☆	Numerical Analysis	3	B+	2019 Fall

-----END-----

Total Credits	Credits for GPA	Cumulative GPA	Degree-Specific Requirements	Completion Date	Grade
29	18	3.76/4.0			
Degree Conferred	Master of Science in Civil Engineering		Thesis Proposal	Nov. 2020	P
Conferral Date	Mar. 15, 2022		Mid-term Exam	Nov. 2021	P
The Thesis Title	MECHANICAL BEHAVIOR, CONSTITUTIVE MODEL AND APPLICATION OF THE FRP-TO-CONCRETE INTERFACE UNDER COUPLED EFFECTS OF HIGH TEMPERATURE AND LOADING				

\* Courses marked with ☆ are used for calculating GPA while those with □ are free elective.

\*\* The Transcript should be stamped to be official.

\*\*\* Refer to the back page for descriptions.

Dean:

*Guilin*

Graduate School  
Shanghai Jiao Tong University

## 说 明

### 学期：

上海交通大学每学年开始于9月，结束于次年8月。2011年（含）起每学年包含两个标准学期（秋季学期、春季学期）和一个夏季学期，其中标准学期有教学周16周，夏季学期有4周。2011年前每学年包含两个学期，各有教学周18周。

### 学分与学时：

2011年（含）起，16学时 = 1学分；2011年前，18学时 = 1学分。

### 考核与记分方式：

- 1) 2016年9月及以后入学的研究生课程考核成绩采用A+至F的十一级记分制或者“通过/不通过”，具体参照附表。在此之前入学的研究生课程成绩采用原记分方式，同时由学校出具的中英文成绩单中成绩绩点的计算方法也采用原有方式，具体参照附表。
- 2) 平均绩点 =  $\Sigma$  (绩点 · 学分) /  $\Sigma$  学分，记入平均绩点统计的课程清单由各学科在制定培养方案时确定。

## EXPLANATORY NOTES

### Academic Calendar:

The academic calendar of Shanghai Jiao Tong University operates on the semester system, which runs from September to next August. One academic year contains two standard semesters (fall semester and spring semester) and one summer semester since 2011 (inclusive). The standard semester contains approximately 16 weeks of instruction, and 2 weeks of final examinations. The summer semester contains 4 weeks. Before 2011, one academic year had two semesters each with 18 weeks of instruction.

### Credits and Instruction:

From the school year of 2011 (inclusive), one credit corresponds to 16 instruction hours. Before the school year of 2011, one credit corresponded to 18 instruction hours.

### Grading Systems:

- 1) Effective for graduate students enrolled after Fall 2016 (inclusive), the grade points for graduate courses adopt the 4.0 scale. For graduate students enrolled before Fall 2016, the 3.3 scale was used. Please refer to the table below for detailed information.
- 2) Grade Point Average (GPA) =  $\Sigma$  (point · course credit) /  $\Sigma$  course credit. Courses and corresponding course credits used for GPA calculation is decided by the respective schools/departments.

新记分体系（2016年秋季起） New 4.0 Scale (From Fall 2016)				原记分体系（2016年秋季前） Previous 3.3 Scale (Before Fall 2016)		
百分制	等级制(Grade)	绩点(Points)	说明	百分制	等级制(Grade)	绩点(Points)
95,100	A+	4.0	优秀 (Excellent)	96~100	A+	3.3
[90,95)	A	4.0		90~95	A	3.0
[85,90)	A-	3.7		85~89	A-	2.7
[82,85)	B+	3.3	良好 (Good)	80~84	B+	2.3
[78,82)	B	3.0		75~79	B	2.0
[75,78)	B-	2.7		70~74	B-	1.7
[71,75)	C+	2.3	一般 (Fair)	67~69	C+	1.3
[67,71)	C	2.0		63~66	C	1.0
[63,67)	C-	1.7		60~62	C-	0.7
[60,63)	D	1.0	及格 (Pass)	<60	D	0
<60	F	0	不及格 (Fail)	/	通过 (Pass)	N/A
/	P	N/A	通过 (Pass)	/	不通过 (Fail)	N/A
/	F	N/A	不通过 (Fail)	/	/	/

电子成绩单验证网址 For verification of the electronic transcript, please visit: <https://www.chsi.com.cn/cjdyz/index>



上海交通大学研究生院 (Graduate School, Shanghai Jiao Tong University) <http://www.gs.sjtu.edu.cn>

地址：上海市东川路800号 (Address:800 Dongchuan Road, Shanghai 200240, P.R.China) 电话 (TEL): +86-21-34205105

**Dongge Jia**  
Student ID: 4588511



# University of Pittsburgh

DocumentID:TE8DE1LF

Institution: University of Pittsburgh  
4200 Fifth Avenue  
Pittsburgh, PA 15260  
Print Date: 10/17/2024

## Academic Program History

Program: **Swanson School of Engineering**

01/05/2022: Civil Engineering Major

Program: **Swanson School of Engineering**

12/14/2023: Computational Modeling and Simulation Major

Program: **School of Medicine**

05/16/2024: Biomedical Informatics Major

Program: **School of Medicine**

06/02/2024: Biomedical Informatics Certificate

Beginning of Graduate Record

## Fall Term 2022-2023

Course	Description	Attempted	Earned	Grade	Points
CEE 2085	GRADUATE DEPARTMENTAL SEMINAR	0.00	0.00	S	0.000
CEE 2713	DIGITALIZATION CIVIL EENGINEER	3.00	3.00	A+	12.000
ENGR 2050	TECHNICAL WRITING	3.00	3.00	S	0.000
LING 0008	ESL SPEAKING AND LISTENING	3.00	3.00	A	12.000
ME 2003	INT TO CONTINUUM MECHANICS	3.00	3.00	A	12.000

## Spring Term 2022-2023

Course	Description	Attempted	Earned	Grade	Points
CEE 2085	GRADUATE DEPARTMENTAL SEMINAR	0.00	0.00	S	0.000
CEE 3333	ADVANCD FINITE ELEMENT METHODS	3.00	3.00	A+	12.000
CEE 3996	SPEC INVSTGTN FOR PH.D. STDNT	6.00	6.00	A	24.000

## Summer Term 2022-2023

Course	Description	Attempted	Earned	Grade	Points
SMSH 3666	SUMMER MILESTONE STUDY	0.00	0.00		0.000

## RAISED SEAL NOT REQUIRED

This official University transcript is printed on SCRIP-SAFE  
secured paper and does not require a raised seal

Jonathan C. Helm  
University Registrar



## Fall Term 2023-2024

Course	Description	Attempted	Earned	Grade	Points
CEE 2085	GRADUATE DEPARTMENTAL SEMINAR	0.00	0.00	S	0.000
CEE 3997	RESEARCH, PH.D.	6.00	6.00	S	0.000
ME 2232	MATH DATA-ENABLED SCI & ENGR	3.00	3.00	A	12.000

## Spring Term 2023-2024

Course	Description	Attempted	Earned	Grade	Points
CEE 2085	GRADUATE DEPARTMENTAL SEMINAR	0.00	0.00	S	0.000
CEE 3997	RESEARCH, PH.D.	9.00	9.00	S	0.000
CMLLG 0601	INTRO TO MACHINE LEARNING	4.00	4.00	A	16.000

Course Topic:

Transcript Note:

TAKEN AT ~~CARNEGIE MELLON UNIV~~  
This class was taken while attending the University of Pittsburgh as a PCHE exchange student.

## Summer Term 2023-2024

Course	Description	Attempted	Earned	Grade	Points
SMSH 3666	SUMMER MILESTONE STUDY	0.00	0.00		0.000

## Fall Term 2024-2025

Course	Description	Attempted	Earned	Grade	Points
ENGR 2090	GRADUATE ENGINEER COOPV PROGM	1.00	0.00		0.000

## Graduate Career Totals

	Cum GPA:	4.000	Cum Totals:	44.00	43.00	100.000
----- End of Transcript -----						

Send To: Dongge Jia

In September 2005, the University implemented a new student information system, resulting in changes to some historic terminology. Depending on the status of the student at the time the transcript is produced, the transcript labels may contain either current or historic terminology. These changes follow with the historic terminology in parentheses: Career (Level); Program (Academic Center); Plan (Major/Minor); Subplan (Area of Concentration); GPA (QPA).

#### GRADING POLICY

The following are grades and grade/quality points associated with each grade:

A+	4.00	C+	2.25
A	4.00	C	2.00
A-	3.75	C-	1.75
B+	3.25	D+	1.25
B	3.00	D	1.00
B-	2.75	D-	0.75
		F	0.00

The following grades/symbols carry no grade/quality points:

G	Unfinished Class Work (ongoing)
H	Honors
HS	High Satisfactory
I	Incomplete
LS	Low Satisfactory
M	Military Duty
N	Audit
NC	No Credit
NG	Unfinished Class Work (lapsed)
R	Resigned from Term
S	Satisfactory
T	Test Credit
U	Unsatisfactory
W	Withdrawal

The following are discontinued grades:

K	Competent Attainment
P	Pass
Q	Qualified
WF	Withdrawal/Failing
Z	Invalid Grade Submitted
**	No grade Reported

Note: Plus and minus grades were added to the University's grading system in the Winter Term 1975-1976.

For additional grade information please see the University grading policy online at [provost.pitt.edu/policies-guidelines](http://provost.pitt.edu/policies-guidelines).

**SPECIAL NOTATIONS** (Applies only to students who attended prior to Fall Term 2005-2006).

- Indicates that the course was repeated. The credits and quality points earned in this course are not used in the calculation of the QPA.
- Indicates that the course was offered through the University Honors College.

#### TRANSCRIPT GUIDE

3. Indicates that the course was taken at one or more of the institutions participating in the University of Pittsburgh PCHE cross-registration program. The institution abbreviations are:

<b>CAR</b>	Carlow University (formerly Carlow College)
<b>CMU</b>	Carnegie-Mellon University
<b>CHA</b>	Chatham University (formerly Chatham College)
<b>CCA</b>	Community College of Allegheny County
<b>DUQ</b>	Duquesne University
<b>LAR</b>	La Roche College
<b>PTS</b>	Pittsburgh Theological Seminary
<b>PPU</b>	Point Park University (formerly Point Park College)
<b>RMU</b>	Robert Morris University (formerly RMC Robert Morris College)
<b>SE</b>	Seton Hill University (formerly Seton Hill College)
<b>WC</b>	Westmoreland County Community College

**GPA/QPA POLICY:** Prior to the Fall Term 2005-2006, the University cumulative Quality Point Average (QPA) was calculated based on all University of Pittsburgh courses relevant to the student's degree goal(s). Effective with the Fall Term 2005-2006, the cumulative Grade Point Average (GPA) is associated with credits completed at the Career Level. For additional QPA/GPA information, please see the University GPA/QPA policy online at [provost.pitt.edu/policies-guidelines](http://provost.pitt.edu/policies-guidelines).

**THREE-TERM CALENDAR:** The University of Pittsburgh utilizes a three-term academic calendar which is equivalent to the semester-hour system. The professional programs operate on the semester calendar. A semester = 15 weeks.

**ACCREDITATION:** The University of Pittsburgh is accredited by the Middle States Association of Colleges and Schools, Commission on Higher Education. Individual school or program accreditation may be verified by contacting the Dean's Office of the Academic Center/Program identified on the student's record.

**DEGREES AWARDED FROM OTHER INSTITUTIONS:** Any information displayed reflecting degrees awarded by other institutions should be verified with the awarding institution for accuracy.

**FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974:** In compliance with the Family Educational Rights and Privacy Act of 1974, as amended, this document has been released on the condition that the recipient will not permit any other party or agency to have access to the record without the written consent of the student. Alteration of this transcript may be a criminal offense.

#### INSTITUTIONAL ID CODES:

CEEB: 008815  
OPEID: 003379

#### COURSE NUMBERING SYSTEM Effective Fall Term 1990-1991

0001-0999 and 7000-7999	Lower Level Undergraduate
1000-1999 and 8000-8999	Upper Level Undergraduate
2000-2999	Master Level Graduate
3000-3999	Doctoral Level Graduate
4000-4999	Noncredit
5000-5999	First Professional Programs (Medicine, Dental Medicine, Law)
6000-6999	Career Development Undergraduate
9000-9999	Career Development Graduate

#### Prior to Fall Term 1990-1991

0001-0099	Lower Level Undergraduate
0010-0099	First Year Sectioned Courses (Law)
0100-0199	Upper Level Undergraduate
0100-0399	Upper Level Electives (Law)
0200-0299	Master Level Graduate
0300-0399	Doctoral Level Graduate
0400-0499	Third Year Limited Enrollment Courses (Law)
0500-0599	First Professional Programs (Medicine and Dental Medicine)
0500-0699	Upper Division Seminars (Law)
0700-0799	Lower Level (General Studies)
0800-0899	Upper Level (General Studies)
0900-0999	Other
0900-0999	Activities for Credit (Law)

If you have any questions about this document, please contact the Registrar's Office at the appropriate campus:

Bradford Campus	(814) 362-7602
Greensburg Campus	(724) 837-7040
Johnstown Campus	(814) 269-7055
Pittsburgh Campus	(412) 624-7635
Titusville Campus	(814) 827-4482

[ourpitt@pitt.edu](mailto:ourpitt@pitt.edu)  
[www.registrar.pitt.edu](http://www.registrar.pitt.edu)



THOMAS EDISON STATE UNIVERSITY

111 WEST STATE STREET

TRENTON, NJ 08608

ACCREDITED BY THE MILITARY SCHOOLS  
ASSOCIATION OF COLLEGES AND SCHOOLSDate of Issue: 07/10/2024  
DONGGE JIA

## Permanent Academic Record

DONGGE JIA  
3707 Dawson Street  
Pittsburgh, PA 15213-4108  
ID.: 0714001  
SSN:  
DOB: 10/14

CURRENT PROGRAM  
Computer Science, BA

Course	Title	Gr.	S.H.	Course	Title	Gr.	S.H.
<b>TRANSFER CREDITS</b>							
Univ of Pittsburgh							
CEE2713	Digitalization Civil Engineer	3.00					
ENGR2050	Technical Writing	3.00					
ME2003	Int to Continuum Mechanics	3.00					
CEE3333	Advanced Finite Element Method	3.00					
CEE3996	Spec Invstgtn for Ph.D Stndt	6.00					
CEE3997	Research Ph.D	6.00					
ME2232	Math Data-Enabled Sci & Engr	3.00					
CEE3997	Research Ph.D	9.00					
<b>ASSESSMENT CREDITS</b>							
TESU-ACE							
COS 3300	Computer Architecture	CR	3.00				
COS 2400	Operating Systems	CR	3.00				
MAT 2700	Discrete Mathematics	CR	3.00				
CMP 2540	Network Technology	CR	3.00				
CUMULATIVE GPA: N/A TOTAL: 48.00							

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

This official transcript does not require a raised seal.



C. THOMAS A. PUNCHELLO  
*Caron Punchello*  
UNIVERSITY REGISTRAR



## OFFICIAL TRANSCRIPT

Request ID: 150296  
Record of: Dongge Jia  
Other Names:  
Student ID:  
Birthdate: 10/14/1996  
Email: doj14@pitt.edu  
Address: 3707 Dawson St.  
Pittsburgh, PA 15213

Date Issued: 7/15/2024  
Study.com, LLC  
Mountain View, CA, 94041  
650-962-1200

Date Completed	Course Title	Grade <sup>1</sup>	Recommended Credit <sup>2</sup>	Credit Recommending Organization <sup>2</sup>
5/25/2024	Computer Science 306: Computer Architecture	94 %, A	3 semester hours, upper division	ACE
6/1/2024	Computer Science 305: Operating Systems	93 %, A	3 semester hours, lower division	ACE
6/2/2024	Math 108: Discrete Mathematics	93 %, A	3 semester hours, lower division	ACE
6/10/2024	Computer Science 304: Network System Design	95 %, A	3 semester hours, lower division	ACE

Jessica Bayliss  
Director of Education

7/15/2024

<sup>1</sup> Pass = 70 % or higher

<sup>2</sup> This credit recommendation is based on an evaluation by the American Council on Education and/or the New York State Board of Regents National College Credit Recommendation Service as indicated. To verify the recommended credit indicated above, and read a description of the learning experience(s), consult the ACE CREDIT National Guide (<https://www.acenet.edu/National-Guide/Pages/Organization.aspx?id=82099b28-9016-e811-810f-5065f38bf0e1>) and/or the NCCRS Directory of college credit recommendations (<http://www.nationalccrs.org/organizations/studycom>).