

Dongge Jia

Tel: +1 (412)-657-1284, Email: 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/biomechanics
Multiphysics and multiscale modeling

EDUCATION

University of Pittsburgh (Pitt), Pennsylvania 2022–2024

PhD Student

Focus: Computational Mechanics (supervised research) and Machine Learning (without advisor)
Biomedical Informatics Certificate Program

GPA: 4.0/4.0 (43 credit hours)

I am now fully dedicated to pursuing AI and plan to transition from my current PhD program this summer, with the full support of my current PhD advisors.

Graduate Courses: Introduction to Machine Learning (at Carnegie Mellon University via cross-registration); Mathematics of Data-Enabled Science and Engineering; among others

Computer Science College Credits through ACE and Thomas Edison State University 2024

Average Grade: 93.8/100 (12 credit hours)

Undergraduate Courses ([transcript link](#)): Operating Systems; Computer Architecture; Discrete Mathematics; Network System Design

Udemy Online Course: Data Structures and Algorithms: In-Depth using Python

Shanghai Jiao Tong University (SJTU), Shanghai, China 2019–2022

M.S. in Civil Engineering

GPA: 3.76/4.0 (Rank: 2nd out of 29)

Huazhong University of Science and Technology (HUST), Wuhan, China 2015–2019

B.Eng. in Civil Engineering

GPA for second to fourth years: 3.97/4.0 (Rank: 2nd 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

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;
Proposed the next-scale feature refinement 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 feature refinement for multi-task manipulation learning. (In preparation, target at CoRL 2025)
Training: <https://wandb.ai/kimjdg1025-san-diego-state-university/gnfacor?nw=nwuserkimjdg1025>
Paper draft: https://donggejia.github.io/docs_store/Dongge_IROS2025.pdf
- [4] Zhang, X., **Jia, D.**, Xie, J., Liu X. Energy-efficient task offloading and resource allocation: a deep reinforcement learning framework for networked airborne computing with random multi-UAV mobility. (Under review at *Computer Communications*) 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.**, Ouhssousou, 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

[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

[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

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

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

https://donggejia.github.io/docs_store/elastic visco-plastic nonlinear consolidation model final submit.pdf

PROGRAMMING

I am an experienced programmer with 9 years of consistent experience working with various programming languages.

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

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

LDPMLab

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

| | |
|--|-------------|
| Paid Intern on the ExpandAI@SD Project at SDSU Research Foundation | 2024–2025 |
| 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

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Former Professor at Huazhong University of Science and Technology
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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 | | | |
|--|--------|--------|--|--------|--------|--|--|--|
| 2015-2016 1st Semester | | | | | | | | |
| 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 | 2017-2018 1st Semester | | | | | |
| 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 | | | |
| 2015-2016 2nd Semester | | | | | | | | |
| 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 | 2017-2018 2nd Semester | | | | | |
| 2016-2017 1st Semester | | | | | | | | |
| 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 | | | |
| 2016-2017 2nd Semester | | | | | | | | |
| 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 | 2018-2019 1st Semester | | | | | |
| Fluid Mechanics | 1.5 | 89 | Construction Budgeting & Bidding | 1.5 | 84 | | | |
| 2018-2019 2nd Semester | | | | | | | | |
| | | | 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 | | | |

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Provost:

Huazhong University of Science and Technology

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Issue Date: 13/5/2021

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

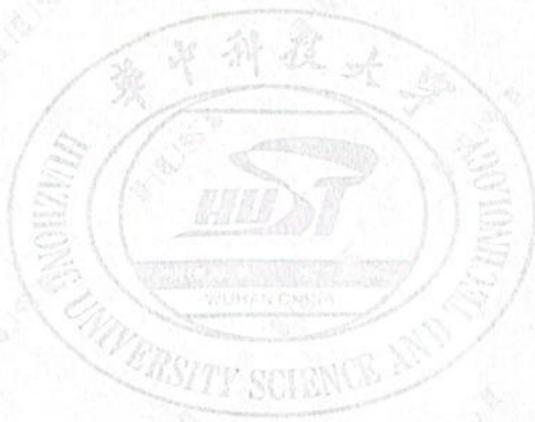
Name: Jia Dongge
Student ID: U201515350

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

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

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 = Σ (绩点 · 学分) / Σ 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) = Σ (point · course credit) / Σ 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.

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

1. Indicates that the course was repeated. The credits and quality points earned in this course are not used in the calculation of the QPA.
2. 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:

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

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.

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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
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. |
|----------------------------------|--------------------------------|------|------|--------|-------|-----|------|
| TRANSFER CREDITS | | | | | | | |
| 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 | | | | | |
| ASSESSMENT CREDITS | | | | | | | |
| 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 ¹ | Recommended Credit ² | Credit Recommending Organization ² |
|----------------|---|--------------------|----------------------------------|---|
| 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

¹ Pass = 70 % or higher

² 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>).