

# Dongge Jia

Tel.: (+1) 412-657-1284 Email: doj14@pitt.edu

(For my research experience, please visit my [my homepage](#))

## EDUCATION

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### PhD student in Computational Modeling and Simulation

September 2022 – August 2025

University of Pittsburgh (PITT), Pittsburgh, United States

GPA: 4.0/4.0 (43 credit hours)

Global Gold Award (top 0.1%), 2024 China International College Students' Innovation Competition (CICSIC 2024), (Project: Digital twin system for infrastructure maintenance)

#### Machine Learning courses and grades

10-601 Introduction to Machine Learning (at **Carnegie Mellon University**) A  
ME 2232 Mathematics of Data-Enabled Science and Engineering A

#### Computer Science courses and grades

COS-2400 Operating Systems (at Thomas Edison State University, remote) 93/100  
COS-3300 Computer Architecture (at Thomas Edison State University, remote) 94/100  
MAT-2700 Discrete Mathematics (at Thomas Edison State University, remote) 93/100  
CMP-2540 Network Technology (at Thomas Edison State University, remote) 95/100  
Data Structures and Algorithms: In-Depth using Python (on Udemy)

#### Internship

Researcher Intern in Embodied AI August 2024 – August 2025  
San Diego State University Research Foundation  

- Generalizable imitation learning.
- Deep reinforcement learning in autonomous systems.

### M.S. in Civil Engineering

September 2019 – March 2022

Shanghai Jiao Tong University (SJTU), Shanghai, China

GPA: 3.76/4.0 (Ranking in my grade level: 2<sup>nd</sup>/29)

#### Awards/honors

COSCO Shipping Scholarship (top 2/76)  
Yuqiu Yang Scholarship (top 2/76)  
Qingyang Jin Scholarship  
First-Class Research Scholarship in 2020  
First-Class Research Scholarship in 2019  
Second Prize in the Archery Competition at the School of Naval Architecture, Ocean and Civil Engineering

#### Internships

Technical Engineering Intern April 2022 – August 2022  
Internet Data Centre, Alibaba Cloud  

- Underwent comprehensive training on the full spectrum of data centers' server architectures, including detailed explorations of hardware components such as CPUs, GPUs, and storage systems, as well as advanced software layers encompassing distributed storage and virtualization technologies.
- Studied the physical and virtual networking essential for managing data flow and enhancing security within data centers.

#### Market Analysis Intern

July 2021 – August 2021  
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