

## Jiacheng Cui

Machine Learning MSc, MBZUAI, Abu Dhabi, UAE  
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### RESEARCH INTERESTS

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Machine Learning, Efficient Learning

### EDUCATION

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**The University of Edinburgh**, Edinburgh, UK 09/2019 — 06/2024  
Bachelor of Science: Artificial Intelligence and Computer Science  
GPA: 76/100 First class honours degree, which is graded on the basis of 50% of the junior and 50% of the senior grades

**MBZUAI**, Abu Dhabi, UAE 09/2024 – 09/2026  
Master of Science in Machine Learning  
GPA: 98/100  
Relevant Course: Deep Learning, Optimization, Statistical Learning Theory, Probabilistic Graphical Models  
Research Focus: Dataset Distillation, Efficient Learning  
Advisor: Prof. Zhiqiang Shen

### INTERNSHIPS

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**INTESIM** DALIAN, CHINA  
*Deep Learning Algorithm Developer Assistant* 05/2022 — 07/2022

- Developed the convolutional neural network model, debugged it, trained it, and ultimately used it for prediction

**The University of Edinburgh** Edinburgh, UK  
*Teaching Assistant* 09/2023 — 02/2024

- Actively participated in the assessment of student assignments and projects for the course "Informatics Large Practical," ensuring a fair and rigorous evaluation process.
- Collaborated closely with course instructors and fellow markers to maintain consistency in grading standards and to discuss best practices.

### PUBLICATIONS

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#### **Dataset Distillation via Committee Voting**

Preprint, arXiv:2501.07575  
Submitted

Proposes a voting-based dataset distillation framework (CV-DD) that integrates predictions from multiple models to generate diverse and robust soft labels. Demonstrates improved generalization and reduced overfitting across various datasets and IPC settings.