

Xin Liang

[Gmail](#) | [Github](#)

EDUCATION

Tongji University

B.E. in Software Engineering , GPA : 89.74 / 100 ; Major GPA : 95 / 100

Shanghai, China

Jan 2021 – Jan 2025

- **Relevant Courses:** Linear Algebra , Advanced Mathematics , Probability and Statistics , Discrete Maths , High-Level Language Programming , Data Structure , Algorithm , Operating System , Database , Computer Organization , Human-Computer Interaction , Principles of Compilers

Tongji University

Freshman in Architecture and Urban Planning

Shanghai, China

Apr 2020 – Jan 2021

RESEARCH INTERESTS

Currently my research interests lie in **AutoML**.I have some knowledge about **DARTS** in neural architecture search.I'm also interested in **blockchain networks** and related **distributed technologies**.

RESEARCH EXPERIENCE

[Tongji-MIT City Science Lab](#)

Scientific Intern , DApp-smart contract Group,[Github](#)

Jan 2023 – Present

- Worked with **Solidity** to develop smart contract based on specific modules.
- Research into **DApp development architecture** ,using **Hardhat** etc. to interface smart contract with front-end and back-end interactions.
- Deploy **ABDK Library** to solve the problem of solidity not supporting floating point operations.

Tongji University

NaMI Lab,Research Intern

Oct 2022 – Present

- A **patent** in preparation.The patent proposed a neural architecture search method.This automatic machine learning method reduced the search time required to find a suitable architecture and guaranteed the accuracy of the final result, ICASSP 2023 Poster Session.
- Learning **Monte Carlo Trees** , using **pytorch** ,python to optimize the Chinese chess code based on **AlphaZero** , adding **behavioural clones** and then doing reinforcement learning to train the strategy network.

TECHNICAL SKILLS

Languages : C/C++,Python,Solidity,MATLAB,HTML,CSS

Machine Learning : PyTorch, TensorFlow

Databases : MySQL

Design and Modeling : Adobe PS/AI/ID/PR/AE ,Unity3D, Auto CAD,Rhino,Sketch Up

Web3 and Blockchain : Polygon(Solidity),Hardhat,Remix

AWARDS

- Second Prize of Asia Pacific Cup Mathematical Modeling –Feb 2023
- National Inspirational Scholarship –Sept 2021 – Jan 2022
- Third Prize of Shanghai National University Student Mathematical Modeling –Jan 2022
- Second Prize in The Mathematics Modeling Competition of Tongji University –May 2021
- "Internet + " University Students Innovation and Entrepreneurship Competition Tongji School Bronze Award –Sept 2022
- National Inspirational Scholarship –Sept 2020 – Jan 2021