

# Xinchen Liang

## Resume

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### Education

2020-2023 **Hefei No.1 High School**, Hefei, China, GPA:4.12/4.2

2023-2025 **B.S. in Biochemistry**, UIUC

2025-present **B.S. in Statistics**, UIUC

### Experience

2024.11, **CS 107 uiuc MP 2: Playing badminton**, Champion

- Achieved the Badminton play by random forest
- Achieved the 100% accuracy.

2024.11, **CS 107 UIUC MP1: Mosaic**, Champion

- Finished the mosaic project by using the KNN algorithm.

2025.8 **CS 440: Artificial intelligence**, Champion

- Using the Naive Bayes algorithm to predict the bag of words model in NLP to consider the word is positive word or negative word.
- Using the neural networks, nonlinear and multi-layer extensions of the linear perceptron, to classify images into four categories: ship, automobile, dog, or frog.

2025.8 **CS 440 UIUC:Applied Machine learning**

- Using the K nearest neighbour to predict classify the mnist dataset in keras.
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### Skills

Languages Python, Java, C++, R, SQL

Tools Inteli J, Visual Studio Code, Android Studio, R studio

Certificate Data Visualization from UIUC issued in June, 2025

Certificate Text Mining and Analytics from UIUC issued in June, 2025

Certificate Text Retrieval and Search Engines from UIUC issued in June, 2025

Certificate Supervised Machine Learning: Regression and Classification from Stanford University online in Coursera issued in September, 2025

- Certificate Advanced Learning Algorithms from Stanford University online in Coursera issued in September, 2025
- Certificate Unsupervised Learning, Recommenders, Reinforcement Learning from Stanford issued in September, 2025