

# Tianyi Luo

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## EDUCATION

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### Purdue University, West Lafayette, IN

Bachelor of Science in Computer and Information Technology (CNIT)

Minor in Finance

Expected Graduation: December, 2025

Current GPA: 3.47

Relevant Coursework:

- Database Management
- System Analysis and Design
- Web Development
- Windows Server Administration

### Iowa State University, Ames, IA (Transferred)

Major in Computer Science

Relevant Coursework:

- Application Development
- Data Structures
- Algorithms

## EXPERIENCE

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### China Citic Bank

Duration: Summer 2024

Position: IT Department Intern

Description:

- Supported IT infrastructure and system maintenance at China CITIC Bank, assisting with troubleshooting, network monitoring, and employee support. Contributed to database management and application testing, ensuring reliability and security of banking systems.

## PROJECTS

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- **Fitness Android Application (Frontend):** Developed the frontend of a comprehensive Fitness Android Application as a key project in COMS 3090 Software Development Practice. Applied theoretical knowledge of Android development and user interface design principles to create a functional and visually appealing application.
- **Stock Simulator Web Application with AI Integration Project:** Developed a CNIT 48101 course project stock trading simulator web application that integrated financial API data with AI-generated investment insights. Designed a responsive dark-themed interface for portfolio tracking, implemented basic data validation and error handling, and demonstrated predictive analytics and risk analysis features to simulate realistic trading scenarios.

## TECHNICAL SKILLS

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### Programming Languages:

- Java, Python

### Web Development:

- CSS, Javascript, HTML

### Database:

- SQL Developer, Microsoft Access, MongoDB

### Software Development:

- Android Studio, Github

### Language:

- Mandarin Chinese, English