

# Xinjin Lin

Fresh Meadows, NY 11365 • (646) 705-6809 • [xinjinlin98@gmail.com](mailto:xinjinlin98@gmail.com) • [linkedin.com/in/alan-lin-3b21a41a2](https://linkedin.com/in/alan-lin-3b21a41a2)

## EDUCATION

**New York Institute of Technology**, Old Westbury, NY  
*Bachelor of Computer Science* • GPA: 3.90

May 2025

## COURSES

Cryptography | Operating System Security | Adv Netwk & Internet Security | Software Engineering

## SKILLS

- IDE: Visual Studio Code, IntelliJ IDEA
- Programming Languages: Java, Python, SQL
- Tools: MySQL, Git, Wireshark, Packet Tracer, Word, Excel

## WORK EXPERIENCE

**Furniture Assembly Workshop**, Old Westbury, NY

Feb 2022 - Sep 2022

Carpenter

- Collaborated with customers to understand their furniture design preferences, analyzed customized blueprints to plan construction, precisely cut wooden boards, and assembled components to build high-quality and tailored furniture.

**U.S. Military Army**, Hinesville, GA

July 2017 - Jan 2021

M1 Abrams Tank Mechanic

- Troubleshoot and repaired electrical failures in M1A1 tanks using multimeters and troubleshooting procedures, demonstrating strong problem-solving skills under high-pressure conditions to minimize downtime.
- Conducted regular maintenance using various tools to ensure operational excellence, reducing malfunctions during active training sessions.
- Led teams during field exercises, following superior orders and ensuring 100% task completion by coordinating efforts and managing resources effectively.
- Participated in a 9-months mock war in Germany, providing technical support and executing recovery operations under challenging conditions.

## PROJECTS

**Banking-System** {<https://github.com/Lorkiki/Banking-System>}

Fall 2023

- Developed a versatile banking system with distinct interfaces for customer, employee, and administrators, providing role-specific functions such as account management, transaction processing, and mailbox communication.
- Implemented password encryption mechanisms using SHA-256 for password hashing, enhancing data privacy by storing hash values instead of actual passwords

**Chat-Tool** {<https://github.com/Lorkiki/Chat-Tool>}

Fall 2023

- Created a Java-based real-time chat application with server-client architecture, which enabling users to send messages and transfer files seamlessly in private or group chats.
- Implemented RSA encryption for secure communication, ensuring data protection over insecure networks.
- Utilized a HashMap data structure to efficiently store and manage public keys, providing fast access and retrieval of keys during communication.