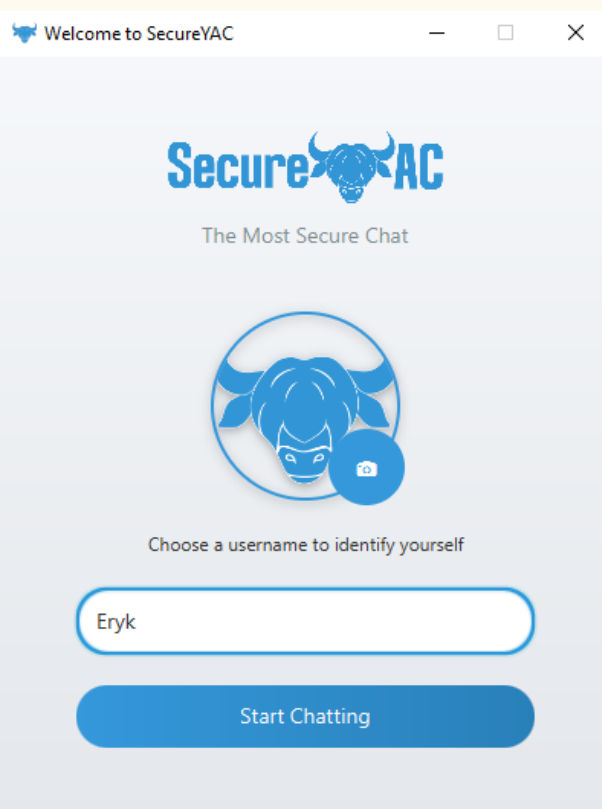


# SecureYAC

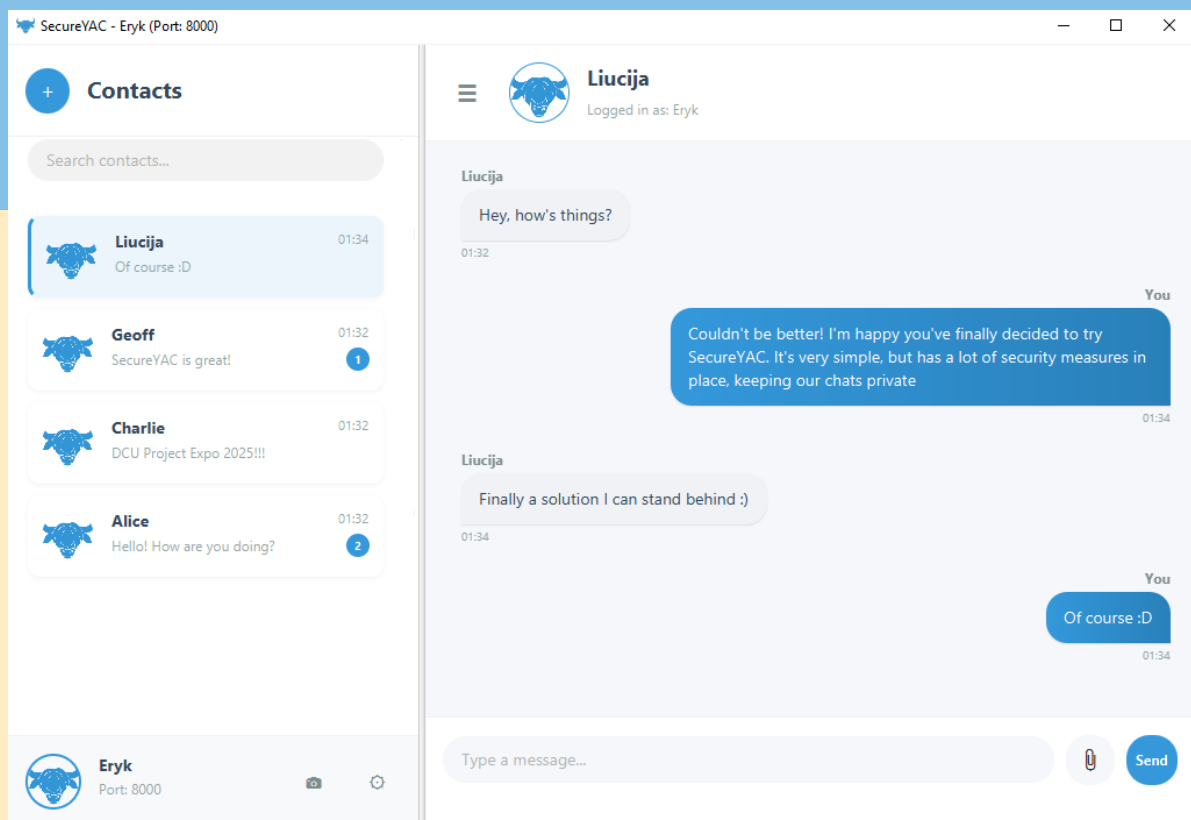
## Your Chats - Your Rules

**SecureYAC** is a privacy-first messaging application designed for users who value security and simplicity. With modern encryption and a sleek, minimalistic interface, SecureYAC guarantees your conversations stay truly private - without compromise.



### Key features:

- **End-to-End Encryption** using Signal's X3DH and Double Ratchet Protocols.
- **Peer-to-Peer Network Protocol** for direct, serverless communication.
- **Key Bundle Exchange** to prevent unwanted or unsolicited messages.
- **Minimalistic UI** that guarantees easy and smooth user experience.



### Developed Using:



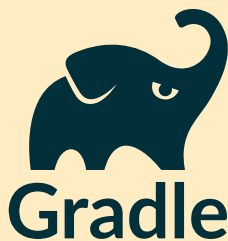
Bouncy Castle  
with Keyfactor



Signal



JUnit



Gradle

### Students:

Eryk Zygmunt Styczynski  
Liucija Paulina Adomaviciute

**Supervisor:** Dr. Geoff Hamilton

**Course:** Computer Science

DCU

Ollscoil Chathair  
Bhaile Átha Cliath  
Dublin City University

School of Computing