

# Thisak Gunasekara

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## Objective

Aspiring Cyber Security Undergraduate with a passion for researching modern technology and problem solving. Eager to leverage academic knowledge and practical experience in Cyber Security to support team efforts, embrace new challenges and contribute to the field through innovative solutions through global collaboration.

## Education

**Sri Lanka Institute of Information Technology**  
BSc (Hons) in IT specializing Cyber Security  
Current GPA: 3.78

**Graduating 2027**

**D.S.Senanayake College, Colombo 07**

G.C.E Advanced level Examination: Science stream: 3S  
G.C.E Ordinary level Examination: 9A

**2022(2023)  
2019**

## Projects

### Online Banking Platform Project:

- Collaborated in a team of 5 to develop a prototype full-stack online banking system with customer and admin web applications.

### Microsoft SQL Server Database Projects:

- Collaborated with a team of 5 to design and implement working databases in Microsoft SQL Server, including prototypes for an online banking system and a hospital management system.

### Student Research Project on Quantum Computing and Cryptography:

- Authored a 25-page paper on the impact of quantum computing on modern cryptographic systems and emerging post-quantum solutions.

## Skills

- Full-stack development (HTML, CSS, JavaScript, PHP, MySQL)
- Database Management (Microsoft SQL Server)
- C / Python Programming
- Linux systems administration
- Cloud Computing (Basic AWS)

## Activities

- Assistant Secretary: Interact Club of DSSC (2020-2021)
- Vice-President: Astronomical and Space Science Association of DSSC (2021-2022)
- Vice President: Young Entrepreneurs Club of DSSC (2021-2022)
- Executive Committee Member: Paleontology Club of DSSC (2021-2022)
- Editorial and TV Committee Member: SLIIT Mozilla Firefox Campus Club (2024-present)