# KAUNG SITHU LINN

Developer

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## Summary

Results-driven developer with 4 years of experience in crafting intuitive user interfaces, conducting thorough testing, and delivering comprehensive training programs. Proficient in leveraging a diverse range of tools and technologies to design and develop high-quality applications that meet complex requirements.

## Education

**Higher National Diploma of Software Engineering (Level 5)**
INET IT ACADEMY
Mar, 2018 - Oct, 2022

**Bachelor of Information Technology**
James Cook University Singapore
Nov, 2022 - Feb, 2024

**Master of Information Technology Major in Business Informatics**
James Cook University Singapore
Mar, 2024 - Apr, 2025

## Technical Skills

JavaScript, Python, Java, C++, HTML5, CSS, SQL, User Interface, Creativity

## Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

## Additional Skills

Public Speaking, Writing, Research

## Languages

## Work Experience

**eVolva Software House** Dec, 2018 - Present
Software Developer and Client Tester
Designed and developed a POS system to enhance inventory management and business operations. Upgraded legacy software, optimized network stability, and improved system performance to ensure seamless functionality for clients.

- Developed a POS system using Microsoft .NET to streamline stock and inventory management, improving operational efficiency.
- Upgraded an outdated Microsoft Access (Office 2003) POS system to a modern SQL standalone application, enhancing performance.
- Resolved LAN interference issues with the VPN network by implementing a custom tunneling solution, ensuring stable connectivity.
- Delivered an optimized POS system that increased store efficiency by over 50%, reducing transaction time and improving inventory tracking.

## Projects

**Mouse Dynamics for Online Assessment Fraud Detection** May, 2024 - Nov, 2024
https://drive.google.com/drive/folders/1JKdj1e25EfPqS-CrV7MjFFVXa8l-GItE
Developed a machine learning model to detect fraudulent behavior during online assessments using mouse dynamics as a behavioral biometric. Analyzed mouse movement and click patterns to create user profiles and identify anomalies indicative of fraud

- Implemented feature selection techniques and evaluated multiple machine learning models, achieving high accuracy in fraud detection.
- Identified key mouse dynamics features that are most discriminative for user authentication.

**Continuous Authentication with Behavioral Biometrics** May, 2024 - Nov, 2024
https://drive.google.com/drive/folders/1JKdj1e25EfPqS-CrV7MjFFVXa8l-GItE
Conducted a literature review on the use of behavioral biometrics, specifically mouse dynamics and keystroke analysis, for continuous user authentication. Researched current methods, challenges, and potential improvements in the field.

English, Burmese, Chinese, Japanese

## Certifications

- Bachelor of Information Technology I James Cook University Singapore
- Google Data Analytics I Google

- Identified key research gaps and proposed a novel authentication method using real-time behavioral biometric information security (RBBIS).
- Developed a research framework and work plan for implementing and evaluating the proposed method.

**Mouse Dynamics Biometric Fraud Detection System using Deep Learning** May, 2024 - Nov, 2024

https://drive.google.com/drive/folders/1SKbM027E4zU-2a9kLFBKcUMc-d9hGhhJ

Developed a fraud detection system using mouse dynamics and deep learning to enhance the security of online assessments.

- Implemented data preprocessing pipelines achieving 100% data usability.
- Engineered 12 optimized feature sets using advanced selection methods.
- Developed and tested multiple deep learning models (ANN, LSTM, LSTM-CNN, LSTM-Transformer).
- Built data visualization tools to monitor system performance.
- Exceeded project goals, achieving 95% detection accuracy and a false negative rate below 5%.