# KYAW “MAX” TAY ZA

**COMPUTER SCIENCE / DATA SCIENCE**

Bangkok, Thailand
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## EDUCATION

**B.Sc. Computer Science**
Concentration: Informatics and Data Science

Assumption University
Samut Prakan, Thailand

13 Nov 2023 - 11 Nov 2026
**Graduated 11 November 2026**

**Cumulative GPA: 3.66**
**Latest semester GPA: 4.00**

**133 credits earned**
121 completed + 12 transferred

## CORE SKILLS

### PROGRAMMING & DATA

Python, TypeScript, JavaScript, SQL, Pandas

### AI & ANALYTICS

Machine learning, AI model integration, KNN, Apriori, data analysis and visualization

### APPS & APIs

React, React Native, Expo, Next.js, Vite, NestJS, FastAPI, Flask, REST APIs, Supabase

### TOOLS & PLATFORMS

Git, Linux, AWS, Docker, Railway, Vercel, Kali Linux, Tor

## LANGUAGES

**English** - Fluent (IELTS Band 7)
**Thai** - Workplace proficiency
**Myanmar** - Fluent

## PROFILE

Computer Science graduate from Assumption University with a concentration in Informatics and Data Science and a cumulative GPA of 3.66/4.00. Combines Python, machine learning, and data analysis with practical full-stack development experience through client-based senior projects. Interested in opportunities in Data & AI and software development.

## SELECTED PROJECTS

### AU Document Wallet

**SENIOR PROJECT 2 / FULL-STACK DEVELOPMENT / GRADE: A**

• **Client:** Assumption University (AU). **Framework provider:** ETDA.

• Developed a digital document and credential wallet with a React Native/Expo holder app, React/Vite issuer portal, and NestJS backend integrated with Supabase.

• Implemented authenticated REST APIs, holder onboarding, secure token storage, and credential offer and issuance workflows using TypeScript/JavaScript.

### Libby Bot Library AI

**SENIOR PROJECT 1 / AI APPLICATION**

• **Client:** Assumption University Library (AU Library).

• Developed and deployed an AI-driven library book recommendation web application.

• Integrated AI capabilities, data processing, and backend APIs into a usable full-stack application.

### Data Mining & Internship Analysis

**ACADEMIC PROJECTS / DATA SCIENCE**

• Applied KNN and Apriori algorithms to structured datasets in a data mining project.

• Analyzed and visualized internship performance data to explore relationships between student confidence and career readiness.

## ADDITIONAL EXPERIENCE

**Network Security Simulation**
Conducted an academic red-team simulation exploring persistent threats and network defense evasion.

**StockSync AI**
Worked on a smart shopping cart project for automated billing and inventory tracking.

## RELEVANT COURSEWORK

Machine Learning, Computer Vision, Data Mining, Data Analytics, Artificial Intelligence Concepts, AI for Business, Database Systems, Operating Systems, Computer Architecture, Cybersecurity.