



VOON SZE KAI

Bachelor of Science in Statistics with Honour
Seri Kembangan, Selangor • 011-31932330 • vszekai@gmail.com
<https://www.linkedin.com/in/sze-kai-voon/>
<https://github.com/legendarycoconutkai>

SUMMARY

A Statistics undergraduate with experience in data analysis, statistical methods, data visualisation, and frontend & backend development. Actively seeking an internship role from 28/7/2025 till 19/10/2025.

EDUCATION

Bachelor of Science in Statistics with Honours

Universiti Putra Malaysia

Oct 2022 - Oct 2026

- CGPA: 3.97

STPM and SPM

SMK DPHA Gapor, Kuching, Sarawak

Jan 2015 - Jun 2022

- STPM Grade: 4.00, SPM Grade: 11 A's

EXPERIENCE

Research Intern, Qualitative Research, Ipsos Malaysia

Jul 2024 - Oct 2024

- Managed technical setups for fieldwork, streamlined data collection and research processes.
- Analyzed transcripts and field notes, extracting key insights to produce actionable reports.
- Produced comprehensive reports, synthesizing qualitative insights to support client strategies.

Director, People Management, AIESEC in UPM

Feb 2023 - Feb 2024

- Executed talent acquisition and onboarding process to ensure a high-performing team.
- Mapped out and conducted Learning & Development programs for member growth.
- Planned engaging activities and addressed talent challenges for strong team engagement.

SKILLS AND EXPERTISES

• Technical Skills:

- Statistical Analysis & Modeling
 - Expert in hypothesis testing, experimental design, regression analysis, and Bayesian methods
 - Demonstrated proficiency in predictive modelling and statistical inference
- Data Science & Analytics
 - Advanced data preprocessing, feature engineering, and model optimization
 - Deep expertise in data visualization and insights communication
- Technical Stack
 - Languages: Python, SAS, R, SQL
 - Visualization Tools: Tableau, Power BI
 - Development: Flutter, Unity, Git

• Competencies:

- Collaboration & Communication, Quick learner, Problem-Solving

• Languages:

- Mandarin, English, Malay.

PROJECT AND EXTRACURRICULAR ACTIVITIES

Varsity Hackathon 2025, Finalist

- Developed "The Watcher," an AI-powered urban monitoring platform using Flutter, Firebase, Google Vision/Gemini APIs through infrastructure issue detection and reporting.

KitaHack 2025, Attendee

- Developed "Carbonance," a smart budgeting app that combines financial tracking with carbon footprint analysis using Flutter, Firebase, and Google AI services (Gemini, Cloud Vision, Speech-to-Text) to promote sustainable spending habits.

PROJECT AND EXTRACURRICULAR ACTIVITIES (CONT.)

SafetyTech Hackathon 2024, Second Runner-up

- Developed "Aid-1st," a game built with Unity, aimed to revolutionise worker safety in the palm oil industry by gamifying real life first aid skills and knowledge.

UMDAC Datathon 2024, Top 10

- Developed data-driven trading strategies by analyzing cryptocurrency market features, optimizing predictive models like Decision Tree and ARIMA, and backtesting performance.

ZTE NextGen 5G Hackathon 2024, Top 20

- Led development of AI-powered urban safety system utilizing 5G technology to enhance public security and combat social isolation through smart kiosks and community-driven platform

PayHack 2024 Open Finance Hackathon, Top 32

- Engineered "Plutus," an AI-powered loan aggregator prototype enhancing credit scoring, loan transparency, and financial literacy using Gemini LLM Model and Flutter.

Hackathon X 2024, Attendee

- Prototyped 'Being,' a mental wellness app leveraging AI for smart journaling, mood tracking, and personalized mental health support.

Malaysia Data Innovation Talent X DOSM Datathon 2024, Attendee

- Developed a comprehensive report on Malaysia's photovoltaic (PV) solar energy potential, featuring in-depth data analysis and an interactive Power BI dashboard to visualize key insights.

Varsity Hackathon 2024, Attendee

- Developed "Cowise," a financial education and social mobile app with AI-powered investment guidance built using Flutter.

Techlympics Cabaran Sains Data 2023, Finalist

- Designed "Wise," a budgeting app that leverages data from data.gov.my to predict future trends and optimize financial planning with LSTM in Python for data analysis and development.

National IOT Smart School Hackathon 2020, Champion

- Designed and prototyped a smart currency exchange machine using Raspberry Pi. Implemented TensorFlow-based object recognition for accurate currency identification.