Wong Yeow Kang

Mobile: +65 9616 3359 | **Email:** wongyeowkang@u.nus.edu | linkedin.com/in/wongyeowkang | github.com/ykwong2002 | wongyeowkang.netlify.app/

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE   Aug 2023 - May 2027
Bachelor of Science in Business Analytics (Honours)
- Grade Point Average: 4.42/5.0
- Activities: Tembusu College, Google Developer Student Club, NUS FinTech Society
- NUS Overseas Colleges AY25/26 S1 - Silicon Valley

ANGLO-CHINESE JUNIOR COLLEGE   Feb 2019 - Nov 2020
GCE 'A' Levels
- Grade: 85/90 Rank Points
- Activities: Overseas Community Involvement Programme (Phnom Penh, Cambodia), Canoeing, Basketball

TECHNICAL SKILLS AND PROFESSIONAL CERTIFICATIONS

- Written & Spoken Languages: English | Mandarin
- Programming Languages: Python | Java | R | SQL | HTML | CSS | Javascript
- Technical Skills: Object-Oriented Programming | Data Analytics | Machine Learning | Web Development
- Professional Certifications: CS50AI Introduction to AI with Python | Google Advanced Data Analytics Certification | AWS Certified Cloud Practitioner Essentials

WORK EXPERIENCE

MARIBANK *Data Analyst Intern (Consumer & SME)*   Jan 2025 - Present
- Facilitating high-impact projects end to end, to build financial services business (e.g product development, business development, partnerships).
- Designing initiatives leveraging analytical tools and conceptual problem solving.

NUS COMPUTING *Teaching Assistant (IS2218 Digital Platforms for Businesses)*   Jan 2025 - Present
- Evaluating the assignments for over 200 students to better understanding of digital businesses (e.g network effects, metrics to a successful platform).

NUS COMPUTING *Teaching Assistant (CS1010A Programming Methodology)*   Aug 2024 - Dec 2024
- Taught programming concepts in Python (including Data Structures, Searching and Sorting, OOP).
- Facilitated weekly tutorials and evaluation of students' assignments.
- Achieved an 83% distinction rate for the students in class through consistent and effective guidance.

UNITED OVERSEAS BANK SINGAPORE *Business Internet Banking Officer*   Feb 2023 - Jul 2023
- Managed over 100 customer inquiries and escalations daily with professionalism and efficiency, contributing to high customer satisfaction and brand loyalty.
- Exceeded key performance indicators (KPIs), earning recognition through letters of commendation from 2 high net-worth clients for exceptional service.
- Designed and implemented data dashboards to monitor real-time customer service metrics, improving response time and resolution rates through data-driven insights.

CO-CURRICULAR ACTIVITIES

NUS FINTECH SOCIETY, Machine Learning Analyst Trainee   Aug 2024 - Dec 2024
- Utilised Python libraries such as Pandas and Seaborn for data analytics and visualization.
- Gained hands-on experience with data preprocessing, feature engineering, and building machine learning pipelines using Scikit-learn through labs.

GOOGLE DEVELOPER STUDENT CLUB (NUS), Business Associate   Aug 2023 - May 2024
- Collaborated with a multidisciplinary team of developers and UI/UX designers to create Project Ignite, leveraging technology to streamline volunteer recruitment and management processes for non-profit startups, driving social impact and community engagement.
- Established application requirements and features for the Volunteer Management System (VMS).
- Designed the User-Profile Subsystem for the Volunteer Management System (VMS) platform, ensuring a seamless user experience for both non-profit organizations and volunteers.

NAN CHIAU HIGH SCHOOL, President of the Students' Council　　　　　　　　　Apr 2017 - May 2018
- Led a team of over 80 student councillors in performing daily administrative duties and maintaining the conduct of the school.
- Planned and executed numerous school events, demonstrating effective planning and execution skills.
- Represented the school at external events (e.g Annual Combined Sports Meet, Science Festival in Japan).

NAN CHIAU HIGH SCHOOL, Vice-President of Wind Orchestra　　　　　　　　　Apr 2017 - May 2018
- Collaborated with fellow leaders to maintain the exemplary conduct of the band and organise external concerts.
- Chaired regular band practices, resulting in 'Distinctions' for Singapore Youth Festival 2017 and Singapore International Band Festival 2018.

PROJECTS

Project Sabai, Data Analytics Team Member　　　　　　　　　Aug 2024 - Dec 2024

Developed web application database to manage patient data for healthcare initiative in rural Cambodia.
- Devised a database for a web application to track and store patient and doctor data for medical missions with PostgreSQL and PGAdmin4.
- Implemented backend functionality using Django Rest Framework, leveraging Django models to interact with the PostgreSQL database without the need for raw SQL queries.
- Ensured efficiency of data storage and retrieval, enhancing the medical team's ability to manage patient records and treatment information effectively.

MedWiz - NUS HealthHack 2024, Team Member　　　　　　　　　Feb 2024

Making medical jargon more comprehensive and inclusive through machine learning
- Created a specialized model tailored to medical terminology, enabling the extraction of key concepts and domain-specific language for the translation or simplification of medical reports.
- Incorporated the OpenAI API for abstractive summarization using Python and Flask, producing concise yet precise explanations of medical conditions.
- Developed a user-friendly frontend interface using HTML and CSS, ensuring interaction and accessibility for users.

HOBBIES AND INTERESTS
- Entrepreneurship
- Music (Piano, Guitar, Tuba)
- Sports (Basketball, Ultimate Frisbee, Bouldering)
- Travelling