TEO YU QI

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EDUCATION

National University Of Singapore (NUS)   **Aug 2020 – Present**

- Bachelor of Computing in Computer Science (with Honours)

- Expected Date of Graduation: May 2024

PROGRAMMING LANGUAGES

Fluent in:

- Python, Java, React, TypeScript, JavaScript, HTML, CSS, Git

Also used:

- Arduino, AWS EC2, Bash, C, C++, Firebase, Go, Heroku, MIPS, Ruby, Rails, Xilinx Vitis-AI

WORK EXPERIENCE

Software Engineer Intern (Frontend) | TikTok (ByteDance)   **Jan 2023 – Present**

- Maintained frontend systems for TikTok Shop Creator, Partner and Affiliate accounts to track and analyse KPI and sales metrics. (Traffic: *~720, 000 weekly active users with sales*).

- Revamped Creator Dashboard's landing page on mobile, resulting in +33.54% increase in user views and +57.66% increase in page views.

- Implementing API request monitoring and alerting on TikTok Shop Creator, Partner, and Affiliate platform, enabling observability of frontend systems.

- Skills: *React, TypeScript, HTML, CSS, H5*

Software Engineer Intern (Embedded) | DSO National Laboratories   **May 2022 – Jul 2022**

- Explored viability of classifying RF pulse using AI/ML algorithms on Xilinx MPSoC.

- Deployed custom deep-learning model on Avnet UltraZed-EG with Vitis-AI APIs.

- Provided in-depth documentation to assist software team in future adoption of Vitis-AI.

- Skills: *Python, Bash, C++, Vitis-AI*

Sales and Marketing Intern | Robert Bosch (SEA)   **Jan 2020 – Jul 2020**

VOLUNTEER WORK AND CODING BOOTCAMPS

TikTok Tech Immersion 2023   **May 2023**

- Attended 8-day course on backend, quality assurance and site-reliability engineering.

- Configured HTTP and RPC server in Go as part of course deliverables.

Student Volunteer | OTH4419 AI Primer Course   **May 2022 – Jun 2022**

- Assisted in setting weekly quizzes for the OTH4199 AI Primer Course organized by the NUS Centre for Computing for Social Good & Philanthropy (CCSGP).

- Beneficiary: *Autism Resource Centre (Singapore)*

TikTok Youth Camp 2022   **May 2022**

- Attended 10-day course on frontend and Android application development.

- Created a Hangman web application using React framework as part of course deliverables.