

# TAN Jing Jie

(Jay, 25y/o, 🇲🇾 Malaysian, 🎓 Google Scholar)

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**Passionate about machine learning and computer science**, currently a **Research Fellow** at **NUS**. Received a **Ph.D. in Engineering** and a **BCS (Hons) in Artificial Intelligence with Distinction** from **UTAR**. Awarded **grants and prizes** totaling up to **MYR 650,000 (USD 166,000)** for leading **research** and innovative **projects**, with experience developing **machine learning applications** across **cross-sector domains**, alongside achievements including **10+ top championships** and **5 research mobility grants**.

**Research Interest:** Affective Computing, Health Intelligence, Healthcare AI, Human-AI Interaction

## ACADEMIC EXPERIENCES

<b>Research Fellow</b> - Prof. Saima HILAL <i>National University of Singapore (NUS), Saw Swee Hock School of Public Health, Singapore</i>	Mar 2026 - Current
<b>Visiting Scholar (Fully Funded)</b> - Prof. LIU Kaiyang <i>Memorial University of Newfoundland (MUN), Department of Computer Science, Canada</i>	Sep 2025 - Jan 2026
<b>Visiting Scholar (Fully Funded)</b> - Prof. Rupert SCHREINER <i>Ostbayerische Technische Hochschule (OTH), Laboratory for Electro-Optics Systems (LEOS), Germany</i>	May 2025 - Jun 2025
<b>Visiting Scholar (Fully Funded)</b> - Prof. KAWARAZAKI Noriyuki <i>Kanagawa Institute of Technology (KIT), Advanced Artificial Intelligence Research Center, Japan</i>	Feb 2025 - Mar 2025
<b>Visiting Scholar (Fully Funded)</b> - Prof. LO Shih-Yu <i>National Yang Ming Chiao Tung University (NYCU), ICS Multimedia System Laboratory, Taiwan</i>	Sep 2024 - Oct 2024
<b>Visiting Scholar (Fully Funded)</b> - Prof. Anissa MOKRAOUI <i>Université Sorbonne Paris Nord (USPN), Laboratoire de Traitement et Transport de l'Information, France</i>	Apr 2024 - Jun 2024

## INDUSTRIAL EXPERIENCES

<b>Machine Learning Engineer</b> • <i>Tanya Jiwa Ltd., Contract, Malaysia</i>	Apr 2025 - Oct 2025
<ul style="list-style-type: none"><li>Delivered an <b>LLM-powered mental health automation system</b> that reduced human resource requirements by <b>72%</b> for the education sector while maintaining <b>high-quality psychological services</b>.</li><li>Engineered a <b>dynamic context-windowing algorithm</b> that decreased token consumption by <b>30%</b>, improved memory efficiency, and enhanced the model's intelligent contextual understanding.</li><li>Advised on <b>technology stack choice</b> with <b>CTO</b>, and <b>streamlined testing</b>, achieving a <b>30% reduction</b> in development time and a <b>40% acceleration</b> in <b>cloud-hosted deployment readiness</b>.</li></ul>	
<b>Network Engineer</b> • <i>Huawei Technologies Ltd., Intern, Malaysia</i>	Oct 2020 - Jan 2021
<ul style="list-style-type: none"><li>Developed <b>automation scripts</b> for Network Technical Deployment, facilitating deployment across <b>100 servers</b> and accelerating the process by approximately <b>20x</b>.</li><li>Executed <b>Project Management with Data Analytics</b> for networking hardware deployment across <b>3 projects</b> with Malaysian Telecom Companies.</li><li>Coordinated with <b>2 local departments, headquarters, and stakeholders</b> to ensure alignment and effective communication.</li></ul>	
<b>Programming Lecturer</b> • <i>Angsam Media Ltd., Contract, Malaysia</i>	Sep 2022 - Feb 2023
<ul style="list-style-type: none"><li>Delivered comprehensive <b>AI, IT and programming lectures</b> with hands-on practical sessions to over <b>500 students</b>, including working professionals.</li><li>Achieved <b>250% growth</b> in both enrollment and revenue through effective curriculum delivery and student engagement.</li></ul>	
<b>Software &amp; Website Developer</b> • <i>Self-employed, Freelancer</i>	Ongoing
<ul style="list-style-type: none"><li>Designed and developed more than <b>10 web and mobile applications</b> for small-sized enterprises according to provided business requirements.</li></ul>	

## EDUCATIONS

<b>Doctor of Philosophy (Engineering) Machine Learning</b> , <i>Universiti Tunku Abdul Rahman (UTAR)</i>	Nov 2022 - Nov 2025
<b>Supervisors:</b> Prof. KWAN Ban Hoe, Prof. Danny NG Wee Kiat, Prof. HUM Yan Chai <b>Achievements:</b> Best Presenter & Best Project Demo @ UTAR Postgraduate Colloquium 2024, Best Student Excellence Awards @ Joint International Workshop 2025 on AI Engineering and Technology (AIET 2025)⇒[1] <b>Scholarships:</b> UTAR Education Foundation Scholarship (Fast Track Ph.D.), UTAR Research Fund – Research Scholarship Scheme, Greatech Integration – Student Assistantship, Funded Scholar @ Global Young Scientist Summit (GYSS) ⇒[1]	
<b>Bachelor of Computer Science (Honours) Artificial Intelligence</b> , <i>Universiti Tunku Abdul Rahman (UTAR)</i>	Jun 2019 - Jun 2022
<b>CGPA:</b> 3.9717 (First Ranked), Book Prize, 7 President's Lists, 1 Dean's List <b>Achievements:</b> Innovation and Creativity Award, SDG Merit Award <b>Scholarships:</b> Hong Leong Foundation Scholarship, UTAR Top Achiever Scholarship	
<b>Foundation in Science (Physical Science)</b> , <i>Universiti Tunku Abdul Rahman (UTAR), CFS</i>	May 2018 - May 2019
<b>CGPA:</b> 3.8272, 2 President's Lists, 1 Dean's List <b>Scholarships:</b> UTAR Top Achiever Scholarship	

## FUNDING GRANTS

Successfully secured **multiple international research mobility grants**, fostering global collaborations, multidisciplinary networking, access to advanced computational resources, and contributions to **Machine Learning** and **Computer Science**.

1. **Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED)** Sep 2025 - Dec 2025  
*Research Mobility Grant, Recipient* ⇒[1]
2. **Deutscher Akademischer Austauschdienst (DAAD) Research Grant** May 2025 - Jun 2025  
*Research Mobility Grant, Recipient* ⇒[1]
3. **Japan Student Services Organization (JASSO) Research Scholarship** Feb 2025 - Mar 2025  
*Research Mobility Grant, Recipient* ⇒[1]
4. **National Yang Ming Chiao Tung University (NYCU) Short Term Research Mobility Grant** Sep 2024 - Oct 2024  
*Research Mobility Grant, Recipient* ⇒[1]
5. **Embassy of France in Malaysia Doctoral Research Mobility Grant** Apr 2024 - Jun 2024  
*Research Mobility Grant, Recipient* ⇒[1]
6. **ITS Community Technological (CommTECH) Research Exchange Scholarship** Oct 2023 - Sep 2024  
*Research Scholarship, Recipient* ⇒[1]
7. **Payment Network Digital Campus (PDC) 2023** Jan 2023 - Dec 2023  
*Project Grant, MYR 100,000 (~USD 23,000), Principal Investigator* ⇒[1]
8. **Payment Network Digital Campus (PDC) 2024** Jan 2024 - Dec 2024  
*Project Grant, MYR 60,000 (~USD 15,000), Co-Principal Investigator* ⇒[1]
9. **ASEAN Korea Cooperation Fund for ASEAN-IPR Regional Conference on Cybersecurity (CyberCon)** Feb 2025  
*Travel & Conference Grant, Awardee* ⇒[1] [2] [3] [4] [5] [6] [7] [8] [9] [10]
10. **UTAR Research Fund for Singapore Global Young Scientist Summit (GYSS)** Jan 2024  
*Travel & Summit Grant, Recipient* ⇒[1]

## PUBLICATIONS

Publications with **international collaboration**, including **Q1 journals** in **IEEE Transactions**, peer-reviewed **journals** and **conference proceedings**, spanning across **computational social systems**, **natural language processing**, **machine learning**, and **cybersecurity** domains.

### Journals

1. **Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., Hum, Y.-C., Mokraoui, A., & Lo, S.-Y. (2025). Prompting-in-a-Series: Psychology-Informed Contents and Embeddings for Personality Recognition with Decoder-Only Models. *IEEE Transactions on Computational Social Systems*, 1–15. <https://doi.org/10.1109/tcss.2025.3593323>, JIF:5.1
2. **Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., Hum, Y. C., Kawarazaki, N., Takano, K., & Mokraoui, A., & Lo, S.-Y. (2026). Cross-Lingual Attention Distillation with Personality-Informed Generative Augmentation for Multilingual Personality Recognition. *IEEE Transactions on Cognitive and Developmental Systems*, <https://dx.doi.org/10.1109/TCDS.2026.3682672>, JIF:5.0
3. **Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., & Hum, Y.-C. (2025). Adaptive focal loss with personality stratification for stably mitigating hard class imbalance in multi-dimensional personality recognition. *Scientific Reports*, 15(1). Springer Science and Business Media LLC. doi:10.1038/s41598-025-22853-y. Available at: <http://dx.doi.org/10.1038/s41598-025-22853-y>, JIF:3.9
4. **Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., & Hum, Y. C. (2025). Psychology-informed Natural Language Understanding: Integrating Personality and Emotion-aware Features for Comprehensive Sentiment Analysis and Depression Detection. *Pertanika Journal of Science and Technology*, 33(S4). <https://doi.org/10.47836/pjst.33.s4.04>, JIF:1.2
5. **Tan, J. J.**, Schreiner, R., Hausladen, M., Asgharzade, A., Edler, S., Bartsch, J., Bachmann, M., Schels, A., Kwan, B.-H., Ng, D. W.-K., & Hum, Y.-C. (2025). SiMiC: Context-Aware Silicon Microstructure Characterization Using Attention-Based Convolutional Neural Networks for Field-Emission Tip Analysis. *Journal of Vacuum Science & Technology B*, 43(6), 0005068. <https://doi.org/10.1116/6.0005068> (Editor's Picks ⇒[1] , JIF: 2.7)
6. **Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., Hum, Y.-C., Mokraoui, A., & Lo, S.-Y. (2026). LLM-as-a-judge for Theory-Agnostic Personality Recognition (Reviewing)

### Conference Proceedings

1. **Tan, J. J.**, Mokraoui, A., Kwan, B.-H., Ng, D. W.-K., & Hum, Y.-C. (2024). Siamese-Driven Optimization for Low-Resolution Image Latent Embedding in Image Captioning. In *2024 Signal Processing: Algorithms, Architectures, Arrangements, and Applications (SPA)* (Vol. 10, pp. 79–84). 2024 Signal Processing: Algorithms, Architectures, Arrangements, and Applications (SPA). IEEE. <https://doi.org/10.23919/spa61993.2024.10715604>
2. **Tan, J. J.**, Tan, J. S., Egambaram, A., Kwan, B.-H., Ng, D. W.-K., & Hum, Y.-C. (2026). SEAVIP: Social Enhancement Application for Visually Impaired People with User-Centered UI/UX and Mobile-Optimized Face Recognition. In *The 5th International Conference on Computer Technologies (ICCTech 2026)*. Langkawi, Malaysia, February 3–5, 2026. <https://www.icct.net/> (Best Presenter⇒[1] [2] [3] )
3. **Tan, J. J.**, Wang, H., Luo, J., Kwan, B.-H., Ng, D. W.-K., Hum, Y.-C., Mokraoui, A., & Liu, K. (2025). Policy-Agnostic Knowledge Aggregation in Federated Personality Modeling under Heterogeneous Privacy Constraints. (Preparing)
4. Wang, H., Luo, J., **Tan, J. J.**, Wang, J., & Liu, K. (2026). *ProLet: Proactive Multi-path Load Balancing for Lossless RDMA*. Submitted to *The 10th Asia-Pacific Workshop on Networking (APNet 2026)*, Singapore, August 6–7, 2026.

- Wong, Y. J., **Tan, J. J.**, Tham, M.-L., Kwan, B.-H., & Hum, Y. C. (2025, July). Tri-Axial Scaling in Aerial Object Detection: Model Size, Dataset Size and Quality, and Test-Time Inference in the Cadot Challenge. Institute of Electrical and Electronics Engineers (IEEE). Anchorage, AK, USA, 2025, pp. 25-30, <https://doi.org/10.1109/ICIPW68931.2025.11386287>

## Thesis & Dissertation

- Tan, J. J.** (2025) Theory-Agnostic Representational and Generative Mechanisms for Personality Modelling Toward Optimising Language Understanding. PhD Dissertation, UTAR.
- Tan, J. J.** (2022) Real-time face recognition social enhancement for visually impaired people. Final Year Project Thesis, UTAR. <http://eprints.utar.edu.my/id/eprint/4666>.

## Miscellaneous

- Tan, J. J.** (2025) Bytes of Peace: Leveraging Technology to Promote Trust and Security. *ASEAN-IPR Regional Conference on Cybersecurity: The Role of Information and Technology in Fostering a Culture of Peace in ASEAN*. ASEAN IPR Publication, pp. 60–67. <https://asean-aipr.org/resources/publications/asean-ipr-cybersecurity-youth-essay-competition> (**Country Scholar Representative**)
- Tan, J. J.**, Kwan, B.-H., Ng, D. W.-K., & Hum, Y. C. (2023). Enhancing Performance in Sentiment Classification of Textual Messages through Personality Recognition Integration. *Proceedings of the 11th International Symposium on Applied Engineering and Sciences (SAES2023)*, pp. 258–259, eISBN: 9786297590646. <https://saes.upm.edu.my/>.

## ACHIEVEMENTS

Back-to-back recipients of **Outstanding Talent Award 2024 and 2025** by the university in recognition of leading projects and competitions. The total accumulated grants and cash prizes amount to **MYR 650,000 (~USD 150,000)**, excluding separately granted travel funds and conferences/summits/events expenses. ⇒[1] [2] [3] [4]

- PayHack Hackathon** (100+ teams), *Payment Network Malaysia* Champion, MYR 20,000 (~USD 5,100) ⇒[1] [2] [3] [4] May 2023
- Deriv AI Hackathon** (100+ teams), *Deriv* Champion, MYR 15,000 (~USD 3,850) ⇒[1] [2] [3] Feb 2026
- CHIPTA Hackathon** (50+ teams), *Malaysian Government* Champion, MYR 10,000 (~USD 2,500) ⇒[1] Sep 2023
- BRIDG3 Hackathon** (100+ teams), *Maschain* Champion (Overall Track), USD 2,500; 1st Runner Up (Impact Track), USD 1,000 ⇒[1] Jul 2024
- CADOT Challenge** (10+ teams), *Institute of Electrical and Electronics Engineers (IEEE)* Champion, EUR 1,000 (~USD 1,200) ⇒[1] [2] [3] Jul 2025
- CISCO AI Hackathon** (100+ teams), *Cisco* Champion MYR 1,000 (~USD 250) ⇒[1] [2] [3] [4] Dec 2024
- Huawei ICT Competition** (100+ teams), *Huawei Technologies* 1st Prize (Individual), ~USD 200; 1st Runner Up (Team), ~USD 200; 3rd Runner Up (Regional) Mar 2022
- Alibaba My Digital Talent in U Competition** (1000+ persons), *Alibaba Cloud* 1st Prize (Team), MYR 180,000 (~USD 46,000); 1st Runner Up (Individual), MYR 2,000 (~USD 500) ⇒[1] Jan 2023
- I-RIA Innovation Competition** (149+ teams), *Universiti Utara Malaysia* Gold Award & Best Presentation, Sponsored Patent ⇒[1] Dec 2023
- ASEAN-China-India Youth Leadership Summit** (100+ teams), *OSG Youth Alliance & Resolute* 1st Prize (Malaysia), Sponsored for presentation at global summit (Singapore) ⇒[1] Nov 2023
- Community Technological Project Competition** (30+ teams), *Institut Teknologi Sepuluh Nopember* Champion, Fully Sponsored Trip ⇒ [1] Aug 2023
- ASEAN-IPR Cybersecurity Conference - Youth Essay Competition** (National competition), *ASEAN-IPR* 1st Prize (Malaysia), Sponsored publication & trip & conference (Thailand) ⇒[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] Jan 2025
- Malaysia National Mathematical Olympiad (OMK)** (1000+ participants), *PERSAMA* 1st Prize, Qualified for the selection test to represent Malaysia at the IMO. ⇒[1] Dec 2015
- IEEE Global Startup Competition 2025** (180+ participants), *IEEE* 1st Runner Up ⇒[1] Oct 2025
- Loyalty Hackathon** (30+ teams), *Tune Protect* 1st Runner Up, MYR 5,000 (~USD 1,200) ⇒[1] Jul 2023
- AIGC Competition** (50+ teams), *Bricks* 1st Runner Up, Sponsored trip to forum meeting (China) ⇒[1] Nov 2023
- MCMC Datathon** (50+ teams), *Malaysian Communications and Multimedia Commission* 1st Runner Up & Best Presenter, MYR 3,500 (~USD 800); Sponsored trip (Malaysia) ⇒[1] Nov 2024
- SUI Hacker House MY** (20+ teams), *SUI Foundation* 1st Runner Up, MYR 6,000 (~USD 1500) ⇒[1] Apr 2025
- Science Bowl** (100+ teams), *UTAR* 1st Runner Up ⇒[1] Mar 2019
- Payment Network Digital Campus 2023** (30+ teams), *Payment Network Malaysia* 2nd Runner Up PDC Summit, MYR 20,000 (~USD 4,600) ⇒[1] Dec 2023

21. **Payment Network Digital Campus 2024** (30+ teams), *Payment Network Malaysia* Dec 2024  
2nd Runner Up PDC Summit, MYR 30,000 (~USD 6,700) ⇒[1]
22. **Can You Hack It Hackathon** (80+ teams), *Hong Leong Bank* Nov 2023  
2nd Runner Up, MYR 2,500 (~USD 600) ⇒[1]
23. **Malaysia National Mathematical Olympiad (OMK)** (1000+ participants), *PERSAMA* Dec 2015  
2nd Runner Up (2016), *Qualified for the selection test to represent Malaysia at the IMO.* ⇒[1]
24. **IOTA Hackathon 2025** (20+ teams), *IOTA Foundation* Jul 2025  
3rd Runner Up, USD 1,500 ⇒[1] [2]
25. **Build On Malaysia Hackathon** (10+ teams), *Amazon Web Service Hackathon* Dec 2020  
3rd Runner Up, USD 1,600 ⇒[1]

## APPLICATIONS

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### SEAVIP: Real-Time Face Recognition Social Enhancement for Visually Impaired People

<https://github.com/jingjie00/SEAVIP>

- A **machine learning** integrated mobile **social assistant application** for **visually impaired people**. The executable application and functionality details are available at: <https://seavip-app.web.app>
- Collaborated & supported by **Malaysian Association for the Blind (MAB)** and received **high positive feedback** (≈5/5 ratings) during the post-project review with **8 visually impaired people**.
- Successfully deployed on **Google Play Store** and **Huawei AppGallery**, featuring a robust **system architecture**, **user-centered UI/UX design**, and a **mobile-optimized algorithm**. Currently **accepting contributions for language localization**.
- Awarded as a **dual recipient** of the **UTAR Innovation & Creativity Award 2024** and the **UTAR SDG Merit Award 2024**.⇒[1]
- **Best Presenter Award** was received at **ICCTech 2026** in recognition of outstanding presentation, technical contribution, and social impact.⇒[1] [2] [3]

### Self-Coded Physical to Online Restaurant Menu Conversion System

[https://github.com/jingjie00/phy2online\\_menu](https://github.com/jingjie00/phy2online_menu)

- A **digital transformation application** for **traditional restaurants** to **convert their existing paper menu** to an **online system** with only a **camera scan**.
- **Undergraduate Research Scheme Project** completed with **commendation** as part of a **postgraduate research collaboration**.

## CERTIFICATIONS

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### Huawei ICT Certification

- HCIP: *Datacom Network Automation Developer*; HCIA: *Artificial Intelligence, Datacom, Security*

### Amazon Web Services (AWS) Certification

- AWS Cloud Practitioner

### Microsoft Certified Professional Certification

- MC: *Azure AI Fundamentals, Security, Compliance, and Identity Fundamentals, Azure Data Fundamentals, Azure Fundamentals*

### Alibaba Cloud Certification

- ACS: *Machine Learning*;
- ACP: *Cloud Computing*; ACA: *Cloud Security, Cloud Native, System Operator, Developer, Database, Big Data*

## SKILLS

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<b>Languages</b>	English, Chinese, Malay, Hokkien, Cantonese
<b>Programming Languages</b>	Python, Java, JavaScript, C, C++, MIPS, Go, R
<b>Machine Learning</b>	PyTorch, OpenCV, TensorFlow, Keras
<b>Frontend &amp; Application</b>	HTML, CSS, Bootstrap, jQuery, XML, React.js
<b>Web-2 &amp; Distributed Computing</b>	Firebase, GCP, AWS, Azure, ACP, Node.js
<b>Web-3 &amp; Technologies</b>	MasChain, Aptos, IPFS, Remix, Spheron
<b>Databases</b>	PostgreSQL, MariaDB, SQLite, DynamoDB
<b>Hardware Systems</b>	Arduino, Raspberry, TensorflowLite, ONNX
<b>Multimedia Tools</b>	Adobe Photoshop, PremierePro, AfterEffect, OBS, Mixer
<b>Office Tools</b>	LaTeX, Apple Creator Studio (iWork), Microsoft Office, Publisher, Visio, Project, Access

## GUEST ACTIVITIES

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### National Yang Ming Chiao Tung University (NYCU), Taiwan (2024) - Guest Lecturer

- *Machine Learning Application Introduction* - Invited by Prof. LO Shih-Yu (Cognition and Communication Laboratory)
- *Personality Recognition Application* – Invited by Prof. CHEN Po-An (Economics and Computing Laboratory)

### Centre of Internet of Things and Big Data (CIoTBD), UTAR - Guest Speaker

- *My Research Journey: 3 Years, 3 Continents, 31 Countries* - Invited by Dr. TAN Joi San (Chairperson CIoTBD)

### Institute of Electrical and Electronics Engineers (IEEE) EEPIS branch - Guest Speaker

- *International Webinar: Unlock Global Potential* – Invited by Mr. M. Rizky Pratama (Chairperson IEEE, EEPIS branch) ⇒[1]

### PayNet Digital Campus 3.0, Malaysia (2025) - Guest Speaker

- *UTARPay Application* - Invited by Payment Network (PayNet) for Annual PDC Summit

### Universiti Tenaga Nasional (UNITEN), Malaysia (2023) - Guest Judge

- *Hack@10 Hackathon* - Invited by Dr. Rohaini Binti RAMLI (College of Computing and Informatics) ⇒[1]

### MEMBERSHIPS AND FELLOWSHIPS

- **beVisioneers: The Mercedes-Benz Fellowship** – Fellow (Cohort 3, 2025) ⇒[1]
- **UTAR Student Representative Council (SRC)** – Postgraduate Rep. (2023/2024/2025) &– Faculty Rep. (2020/2021)
- **UTAR Ambassador** (2021) – University Appointed
- **Mensa Malaysia** – Executive Committee (2023/2024)

### RESEARCH COMMUNITY CONTRIBUTIONS

- **International Journal of Artificial Intelligence in Education** – Reviewer (JIF: 8.5, Q1)
- **Journal of King Saud University - Computer and Information Sciences** – Reviewer (JIF: 6.1, Q1)
- **Discover Artificial Intelligence** – Reviewer (JIF: 4.5, Q1)
- **Cognitive Computation** – Reviewer (JIF: 4.3, Q1)
- **Scientific Reports** – Reviewer (JIF: 3.9, Q1)
- **BMC Psychiatry** – Reviewer (JIF: 3.6, Q1)
- **International Journal of Computational Intelligence Systems** – Reviewer (JIF: 3.0, Q1)
- **BMC Sports Science, Medicine and Rehabilitation** - (JIF: 2.9, Q1)
- **Discover Applied Sciences** – Reviewer (JIF: 2.8, Q2)
- **International Journal of Machine Learning and Cybernetics** - Reviewer (JIF: 2.7, Q2)
- **Evolutionary Intelligence** – Reviewer (JIF: 2.6, Q2)
- **Signal, Image and Video Processing** - Reviewer (JIF: 2.1, Q2)
- **Discover Computing** – Reviewer (JIF: 1.7, Q2)

### MISCELLANEOUS

- Certified **First Aider** (Basic First Aid + CPR)
- Certified **PCEIA & CEILLI**

### REFERENCES

**Dr. KWAN Ban Hoe** • *UTAR*  
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 (alternative: <https://tan-jingjie.web.app>)



<https://play.google.com/store/apps/dev?id=5699722938771563748>



<https://appgallery.huawei.com/app/C104648335>