

TRUNG THANH TRAN



[TrungThanhTran](#)



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WORKING EXPERIENCE

- o CTO & co-founder | [ClientScan Ltd](#) | 01/2023 - Present
 - ClientScan is the leading high-performance face detection application, providing facial recognition and age estimation.
- o Co-founder | [Takenote.ai](#) | 06/2023 - Present
 - TakeNote – AI-powered to enhance meeting productivity with accurate transcription, summaries and visualisations.
- o PM & Sr. Data Scientist | Pixta Vietnam | from 2019 - Present
 - Oct 19 – Now:
 - Auto review Photos, Footage, and Illustrations for the Pixta Stock platform 30k daily with > 99% precision, and 70% Recall & replacing humans in reviewing high-quality stock media data.
 - Learning2Rank system for ranking outputs of Pixta Image Search Engine using LightGBM, Lambda Ranking with 5% increment of Conversion Rate (2021)
 - Develop a novel algorithm for automatic annotation based on a Transformer that is 5% better than the current Pixta's solution (2020)
 - Develop a novel algorithm for diversity problem labelling photos using Multi-modeling, ensemble, and transformer techniques published at [ICICT Conference 2020](#)
- o Heligate JSC | 08/2020 - 11/2020
 - April 20 – Now: Consultant – AI specialist
 - Support the company in building the first AI team
 - Propose solutions for OCR Document classification for the Japanese government
 - Build an open-domain conversation system using the Rasa framework for company business
- o Pi School – School of AI | Rome, Italy | 10/2018 - 12/2018
 - Oct 2018 – Dec 2018: Make the first voice Chabot in the energy industrial domain in Italy - **Scholar**
- o Panasonic R&D Center | Hanoi, VN | from 2015 to 2018
 - Feb 19 – Sep 19: Face Recognition – **Technical leader**
 - Arc-Face model with f1-score 95%, and anti-spoofing using 3D images.
 - Jan 16 – Apr 19: Speech/Speaker recognition – **Technical leader**
 - End2End speech recognition powered by DeepSpeech2; Speaker Identification X-vector, LDA & non-voice detection algorithm – robust to noise environment; A Novel DNN model for a trigger robust to noise and light model for smart speakers.

EDUCATION

- **Politecnico di Torino** | Torino, Italia | Oct 2013 – Oct 2014
The 2nd Level Specializing Master in Navigation and Related Applications
- **Hanoi University of Science and Technology (HUST)** | Hanoi, VN | Aug 2008 – May 2013
Engineer of Science in Engineering on Information Technology (**Ranked 1/120** - Awarded to the top 10% at HUST)

PUBLICATION & CONFERENCE PRESENTATIONS

- o Book Chapters

HT Le-Nguyen, **TT Tran**. "[Charting the Ethical Course: Navigating AI Advancements in Communication Education](#)" In The Role of Generative AI in the Communication Classroom, edited by Sanae Elmoudden, Jason S. Wrench, 214-261. IGI Global, 2024.

HT Le-Nguyen, **TT Tran**. "[Generative AI in terms of Its ethical problems for both teachers and learners: Striking a balance](#)" In Generative AI in Teaching and Learning, edited by Shalin Hai-Jew, 144-173. IGI Global, 2024.

HT Le-Nguyen, **TT Tran**. "[Chatbots as Motivational Agents: Chatbots–The Value of a Digital Tool in Pedagogy](#)" In Generative AI in Trends, Applications, and Challenges of Chatbot Technology, edited by Mohammad Amin Kuhail, Bayan Abu Shawar, Rawad Hammad, 137-165. IGI Global, 2023.

- o Papers

Hieu Trong Phung, Anh Tuan Vu, Tung Dinh Nguyen, Lam Thanh Do, Giang Nam Ngo, **Trung Thanh Tran**, Ngoc C. Le, "[MAGNeto: An Efficient Deep Learning Method for the Extractive Tags Summarization Problem](#)"

Truong, M.D, **Tran, T.T**, Nguyen, D.T, La, T.V, Ta, H.T, "*Receiving and decoding of navigation signal of first satellites of Galileo satellite navigation system in Hanoi*", Journal of Vietnamese Science and Technology

Truong, M.D, **Tran, T.T**, Nguyen, D.T, Ta, H.T, "[Recent results in receiving and decoding signals from the Beidou system](#)". International Conference on Localization and GNSS, Torino, Italy, 2013. ISSN -2325 – 0747

Tran, T.T, Romero, R, Dovis, F, "*Monitoring scintillations effects over Vietnam by means of a GNSS software receiver*", Workshop Communications and Navigations for the Development of Vietnam's Marine Economy 2014

ACHIEVEMENT AND AWARDS

- o Scholar at [Pi School](#) - School of Artificial Intelligence Scholarship | Rome, Italy | Oct 2018
- o Co-runner up at [Notarte](#) AI_Hackathon | Rome, Italy | Oct 2018
- o The United Nations / Italy Long-term Fellowship Award at Politecnico di Torino | Turin, Italy | 2013 – 2014.
- o Summer Scholarship on GNSS, Institute of Positioning, Navigation and Timing of Japan | Tokyo, Japan | 2014
- o Runner up at Research Contest in Information and Communication Technology, HUST | Hanoi, VN | 2013
- o The 1st group in Asia announced First Galileo – Only Positioning on Inside GNSS and GPS World | Apr 2013

MENTORING EXPERIENCE

- o A judge of the Northside of [Hackathon Vietnam AI Grand Challenge](#) 2019 | Hanoi, Vietnam | Jul 2019
- o **Mentoring** Japanese master students from Kyoto Institute Technology and Ritsumeikan University, Japan

MORE INFORMATION

- o *GitHub*: [TranTony](#)
- o *My medium*: <https://medium.com/@silkworm>
- o *Personal webpage*: <https://trungthanhtran.github.io/>
- o *Google Scholar*: <https://scholar.google.com/citations?user=jLO3i8wAAAAJ&hl=en&authuser=1>

REFERENCES

- **Robin Paine** - CEO & Co-founder ClientScan Ltd | Former CTO of London Stock Exchange
Email: robin@clientscan.co.uk
- **Dr. Sébastien Bratières** - Director of AI, School of AI, Translated, Pi Campus, Rome, Italy.
Member of Machine Learning group at Cambridge University Engineering Department
Email: sebastien@picampus-school.com
- **Dr. Usman Qayyum** - Founder DeepNeuralNet Solutions / Senior Researcher at Center of Excellence, Pakistan
Email: mrusmanqayyum@gmail.com