SHERLY

Executive Profile

I am a Masters student at KTH Royal Institute of Technology with a keen interest in learning new techniques and topics in this field. I had conducted research in academia and industry since 2017. I am looking to expand my experience through my Masters' Thesis.

Fields of Interest

- Computer Vision
- Graphs
- Large Scale Distributed Systems

Contact Details

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11428, Sweden

Nationality/Residency:

Indonesian

Singapore Permanent Resident

Swedish Residence Permit & ID

Links:

 @_sherx

 @xsher

Publications

A Deep Architecture for Multimodal Summarization of Soccer Games, MMSports '19 Proceedings
Proceedings of the 2nd International Workshop on Multimedia Content Analysis in Sports

Languages

English: Written, Spoken (Native)
Chinese: Written, Spoken (Native)
Bahasa Indonesia: Written, Spoken
French: Written, Spoken (Intermediate)

Activities

STHLM Tech Fest hackathon
Huawei Sweden AI hackathon
Junction 2019, Helsinki.

Education & Training

KTH Royal Institute of Technology (2019 – Ongoing)
Masters Degree in ICT Innovation - Data Science
Specialisation in Large Scale Distributed Systems.

- EIT Digital - Excellence Scholarship

Polytech Nice Sophia Antipolis (2018 – 2019)
Masters Degree in ICT Innovation - Data Science
Grade: 16/20. Mention Très Bien, Highest Honours.

- Published a paper in MMSports'19 Workshop.

National University of Singapore (NUS) (2011 – 2015)
Bachelor in Science, Major in Statistics

Work Background

Research Intern
Team SPARKS, i3s | Nov 2018 - Jul 2019

- Implement and research on application of Multiple Instance Neural Network (MINN) on soccer videos for action detection. Project published in MMSports'19 Workshop.
- Developed Multi-task Learning model with both Regression and Classification tasks for automatic summarisation of soccer videos.

Junior Data Scientist
Go-Jek Singapore | Oct 2017 - Aug 2018

- Query-Ranking model for search engine with Natural Language Processing (NLP).
- Recommendation system with collaborative filtering and content-based models.
- Built ETL lifecycle, model serving app and manage deployments.

Associate Data Scientist
Zendesk Singapore | Apr 2017 - Oct 2017

- Zendesk AnswerBot research and developments to support multiple languages.
- Chat sentiment analysis, tagging, summarization and topic extractions.
- Research and development with the team in Melbourne.

Software Engineer
Zendesk Singapore | Aug 2014 - Mar 2017

- Developed features: Chat Rating, Operating Hours, and Premium Analytics reports.
- Managed REST APIs for both private and public API.
- Architectural improvements to the servers to support greater loads.
- Integration with main Zendesk products: cross-country development with SF team

Research and Technical Projects

Robustness of Vehicle Re-Identification algorithms on different datasets	Ongoing
A Deep Architecture for Multimodal Summarization of Soccer Games	Nov'18- Feb'19
Image Retrieval Engine	Jan'19 - Feb'19
Re-implementation of Profiling the End Host by Karagiannis et al.	Jan'19 - Feb'19
Question Similarity in Community Question-Answering, SemEval-2017	Dec'18

Languages, Skills and Technologies

- Python, Scala, C (Elementary), SQL, R
- Machine Learning, Deep Learning, Natural Language Processing, Computer Vision
- Linux, Git, Mac, Docker, Spark, Hadoop, Keras, Tensorflow