

Wish Suharitdamrong

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Education

University of Surrey April 2025 – Mar 2029
Phd in Artificial Intelligence Guildford, United Kingdom

Topic: “Multi-Modal Foundation Model”

University of Surrey Feb 2024 – Feb 2025
MSc Artificial Intelligence Guildford, United Kingdom
• Result : Distinction

Dissertation: “Parameter Efficient Finetuning of Vision-Language Foundation Model for Multi-Task Visual Grounding”

University of Surrey Sep 2020 – Jul 2023
BSc Computer Science Guildford, United Kingdom

- First year’s result: First Class Honour
- Second year’s result: First Class Honour
- Third year’s result: First Class Honour

Modules studies include: Artificial Intelligence, Computational Intelligence, Deep Learning and Advance AI, Information Retrieval and Natural Language Processing.

Dissertation: “Audio Visual Lip Synthesis via Intermediate Landmark Representation”, using the deep learning model to generating the talking face video using the speech as the input to animate the lip motion in the videos via facial landmark.(marks archived: 83/100)

University of Surrey Sep 2019 – Jul 2020
International Foundations Years in Engineering and Physical Science Guildford, United Kingdom
• Average Grade: - 69%

Home School (Self Studies) Jun 2017 – Nov2017
International General Certificate of Secondary Education (IGCSE) Examination Bangkok, Thailand
• Computer Science (A*)
• Mathematics(B)
• Physics(B)
• Information & Communication Technology(B)
• Chemistry(B)

Awarded: Outstanding Cambridge Learner Award in IGCSE examination for highest Computer Science score in Thailand.

Genesis Global School June 2016 – June 2017
Secondary school - grade 9 Noida, India

Saint Joseph North Point Oct 2013 – May 2016
Secondary school - grade 7 to 8 Darjeeling, India

Saint Gabriel’s College Bangkok (Thailand) 2007 – Sep2013
Primary School - grade 1 to 6 Bangkok, Thailand

Research Experience

University of Surrey Summer FEPS Summer Vacation Internship 20 July – 26 August 2022
University of Surrey *Guildford, United Kingdom*

- Research on topics of Speech Driven Talking Face Generation by using Deep Learning to generate a talking face of a human from a speech.
- My aim in this project is to improve the quality of lip synthesis in the generated videos to the given corresponding speech.

Skilled gained

- Research Skills
- Deep understanding of a technique uses in talking face generation and deep generative models
- HTCondor used for training a model on GPU clusters
- Pytorch machine learning framework for code implementation

Awards & Honors

Outstanding Cambridge Learner Award IGCSE Cambridge 2017
Cambridge Assessment International Education *Bangkok, Thailand*

- * Awarded for an Outstanding Cambridge Learner Award IGCSE Cambridge “Computer Science” in Oct/Nov 2017 IGCSE examination as a highest score in Thailand

Certifications

Natural Language Processing Specialisation (Online) 2023
Course included *DeepLearning.AI, Coursera*

- * Natural Language Processing with Classification and Vector Spaces
- * Natural Language Processing with Probabilistic Models
- * Natural Language Processing with Sequence Models
- * Natural Language Processing with Attention Models

Generative Adversarial Networks (GANs) Specialisation (Online) 2022
Course included *DeepLearning.AI, Coursera*

- * Build Basic Generative Adversarial Networks (GANs)
- * Build Better Generative Adversarial Networks (GANs)
- * Apply Generative Adversarial Networks (GANs)

Technical Skills

Programming Languages: C/C++, Java, Javascript, Python, R, PHP, Ruby, SQL
Machine Learning Libraries/Framework: Keras, Pytorch, Scikit-learn, Tensorflow
Operating System: Linux, MacOS, Windows
Other tools: Git, HTCondor
Language: Thai (Native), English (Fluent)

References

Primary supervisor*Dr. Sara Ahmed*

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Engineering,
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Secondary supervisor*Dr. Muhammad Rana*

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