

# **introduce myself**

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# My Education

## The University of Essex[January 2022 -January 2023]

- Masters of Sciences in Artificial Intelligence
- UK degree: 74 percent (First class honors/ Distinction)
- I received the highest score in machine learning and text analytics subjects.
- Publication: I have submitted an “Experimental Analysis of Speech Emotion and Gender Recognition” paper to the IEEE Transactions on Affective Computing journal, which is under review.

## Thammasat University[August 2015 - August 2018]

- Second rank university in Thailand
- Bachelor of Engineering Program in Software Engineering
- I have experience as a teaching assistant for Web Application subjects to help students create websites with PHP and Javascript.
- I volunteer activity department in Engineer Camp#2, Pine Camp#2, and Pine Camp#3 to make students entering the first year of college understand coding before entering college.
- I competed in Techjam and Wongnai

# my working experience

## Accenture: Data Engineer[February 2021 - December 2021]

- Retail (CP) and mobile networks(DTAC) for some of Thailand's largest companies.
- Azure cloud
- SQL, Python, and Pyspark
- clean around 100 database

## Trinity Roots Co., Ltd.: Data Engineer[June 2019 - March 2020]

- Develop a coffee shop with 50 branches across Thailand By increasing productivity and increasing customers and sales.
- I led a project on inventory optimization and demand forecasting in the healthcare sector
- Agricultural products governance sector

## Botnoi Consulting Co., Ltd.: Data Scientist[January 2018 - May 2019]

- chat bot
- sentiment analysis
- machine translation to better translate English to Thai and Laos
- text-to-speech for blind people and news field

## Witsawa Co.,Ltd.: Full Stack Developer[July 2017 - November 2017]

- build a website about teaching and learning with 1000 active users per day
- front-end(HTML, CSS, react)
- backend/php express loopback)

# my project

## 30 Natural Language Processing projects

- Text Classification, Question Answering, Generate Transformer, Document Classification, Named Entity Recognition, Part of Speech Tagging, Sentiment analysis, text preprocessing, Text to Speech, Word embedding, Word sentence representation, Soundex, and Dialogflow.
- [https://github.com/micsupasun/natural\\_language\\_processing](https://github.com/micsupasun/natural_language_processing)

## 5 Computer Vision projects

[https://github.com/micsupasun/computer\\_vision](https://github.com/micsupasun/computer_vision)

## Image Processing project

[https://colab.research.google.com/drive/13EaJ7ibh8UwWGGH\\_McdxYJGmdasT7-e?  
usp=sharing](https://colab.research.google.com/drive/13EaJ7ibh8UwWGGH_McdxYJGmdasT7-e?usp=sharing)

## My publish paper

[https://colab.research.google.com/drive/1nG02I-2a1SgsTIMmqM\\_6lixnqp4nHJWP?  
usp=sharing](https://colab.research.google.com/drive/1nG02I-2a1SgsTIMmqM_6lixnqp4nHJWP?usp=sharing)

## Certificate

- Stanford University Course Machine Learning by Andrew Ng Certification
- National Central University Summer Short Data Scientist Course Program Certification
- Exploratory Data Analysis for Machine Learning by IBM
- Getting Started with AI Using IBM Watson
- Intro to Machine Learning by Kaggle

# How can i help you

Professor Muhammad Shahzad

Leveraging Vision Foundation Models for Zero-Shot Open Vocabulary 3D Scene Understanding

Adaptation of 2D Vision Foundation Models for 3D Data

- Investigate 2D vision
- process 3D data

Zero-Shot Learning

- Implement zero-shot learning techniques
- Utilize the pre-trained knowledge of VFM

Open Vocabulary Scene Understanding

- Develop algorithms
- Use natural language descriptions

Datasets and Data Integration

- image-3D point
- multimodal data sources

Applications and Use Cases

- Medical Imaging
- Remote Sensing
- Robotics
- Augmented/Virtual Reality

# looking for scholarship

## my qualifications

- I received first-class honors from the University of Essex.
- I have working experience as a data engineer for two years, a data scientist for 1.5 years, and a full stack developer for four months.
- I have completed more than 30 NLP projects, and I have many certificates.
- Publication: I have submitted an “Experimental Analysis of Speech Emotion and Gender Recognition” paper to the IEEE Transactions on Affective Computing journal, which is under review.

## scholarship choice

- University scholarship
- Paid by family
- Teaching Assistance

## Timeline

I want to study at your university this year or next year