

Ngoc Dung Huynh

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Education

Deakin University

Melbourne, Australia

MSc in Data Science

03/2020 – 03/2022

Supervisors: Dr. Reda Bouadjenek and Dr. Imran Razzak

Thesis: *Speech-to-CDQL: Context Definition and Query Language from Natural Language for Smart Home Environment*, GPA: 3.76/4

University of Education

Hue, Vietnam

BSc in Mathematics

09/2014 – 09/2018

Thesis: *Teaching Mathematics in High School*

Honors and scholarships

1st Prize in Annual Deakin Simpsons Character Classification 2021 2021

Scholarship for MSc Students (Deakin University) 2021

Scholarship for MSc Students (Deakin University) 2020

Working experiences

Deakin University

Australia

Research Assistant

03/2022 – Now

Applying Deep Learning to Health Care (Covid-19 Detection)

Stealth Startup

Singapore

Software Engineer (Part-time Job)

08/2020 – 11/2021

Build the data labeller from scratch using flask, react, and elastic search

Skills

Technology

Proficient in: Python, Jupyter, TensorFlow, Flask, R, Linux.

Familiar with: JavaScript, HTML, SQL, Pytorch

Publications

– **Ngoc Dung Huynh**, Mohamed Reda Bouadjenek, Imran Razzak, Kevin Lee, Chetan Arora, Ali Hassani, Arkady Zaslavsky, *Jarvis: A Voice-based Context-as-a-Service Mobile Tool for a Smart Home Environment*, 23rd IEEE International Conference on Mobile Data Management

– **Ngoc Dung Huynh**, Mohamed Reda Bouadjenek, Imran Razzak, Kevin Lee, Chetan Arora, Ali Hassani, Arkady Zaslavsky, *Adversarial Attacks on Speech Recognition Systems for Mission Critical Applications*, Submitted to Speech Communication Journal-Elsevier - (IF 2.017, Q1)

– Mahnoor Ahsan, Saeeda Naz, **Ngoc Dung Huynh**, Imran Razzak, Reda Bouadjenek, *Multi-Resolution Shallow Neural Network for Diabetic Foot Ulcers Detection*, submitted to Neural Computing and Application (IF 5.4, Q1)

Service and outreach

Vice President of Mathematics Club

07/2015 – 07/2018

Organize club meetups and outreach programs for kids.

Volunteer Teacher in Minority Community

07/2017 – 08/2018

Teach mathematics to students in minority communities.

High School Mathematics Teacher

08/2018 – 07/2019

Serve as mathematics trainee teacher.

Mathematics Tutor

09/2018 – 07/2019

Teach mathematics and physics to a group of 5 secondary students.