

YIZE WEI

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EDUCATION	B.Eng.Industrial System Engineering , National University of Singapore • CAP: 4.64/5.0 • Minors: European Studies, Applied Math	2018 - 2022
HONORS & AWARDS	Science & Technology Undergraduate Scholarship, Dean's List,	2017 AY 2019/2020
EXPERIENCE	Software Engineer , Autodesk Asia Pte Ltd • Upgraded Cryptography API to Next Generation (CNG) on Windows-based platform. Studied and utilized knowledge from cryptography and security-related subjects. • Improved CI/CD process on Jenkins Pipeline weekly. Identified and solved issues in testing process. • Closely collaborated with a team of engineers to solve problems daily. Familiar with the Agile software development process. Student Consultant , Medtronic Asia Pacific Pte Ltd Supervised by Prof.CHEW Ek Peng • Enhanced data visibility in the supply chain and boosted efficiency by collecting and analysing data related to various problems. • Applied system modelling and performed risk analysis to achieve higher accuracy in forecasting. Student Researcher , NUS Communications and New Media Supervised by A/Prof.Lonce Wyse • Investigated and learned the application of deep neural network models for generating audio and sound. • Designed and conducted the experiments to test the efficiency of the evaluation matrix in Pytorch. Student Researcher , NUS Environmental Research Institute • Extracted useful information from raw data on air pollution and performed basic analysis such as regression and classification using Python and SQL.	July 2020 - Dec 2020 since Aug 2021 since May 2021 Jun 2020
PUBLICATION	Paper Title Param-Sensing Metrics: A Study on Parameter Sensitivity of Deep-Feature based Evaluation Metrics for Audio Textures (under review) Venue ICML 2022	
SERVICES	Residential Assistant , NUS Residential Life Team • Strengthened the support network for more than 100+ students residing in the residences. Looked after their welfare as a student leader. Volunteer , NUS Lab Remote: III, Volunteering Project • Designed and conducted coding (HTML & CSS) lessons and organized a Hackathon for 1500+ high school students with teammates. Ambassador , NUS Faculty of Engineering • Being selected by the department to represent ISE to introduce the program to potential students. • Participated and organized outreaching events.	since Aug 2021 Nov 2018 - Dec 2018 Mar 2021
COMPETENCES	Languages Chinese, English, French Techniques Java, C/C++, Python, Tensorflow/Pytorch, git, \LaTeX	