

Arkar Min

Machine Learning & Software Engineering Enthusiast

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EDUCATION

Nanyang Technological University Aug 2017 - July 2020 (Expected)
Bachelor of Engineering (Computer Science)
Current GPA: 4.54/5.00

Ngee Ann Polytechnic April 2014 - May 2017
Diploma in Electronic & Computer Engineering
Graduating GPA: 3.94/4.00

WORK EXPERIENCE

Dynamic Web (Summer Intern) May 2018 - July 2018

- Researched and initiated a chat bot project for e-commerce website using Microsoft bot framework, LUIS and QnA Maker to develop a bot which makes customers' online shopping experience better
- Wrote a detailed project documentation including website links for every reference resources for other developers to easily continue working on the project

PROJECT EXPERIENCE

Grammar Error Correction - Deep Learning Research Jan 2019 - Dec 2019 (On-going)

- Build a web-based system which can automatically detect grammatical errors and make corrections
- Study and Implement word-based sequence-to-sequence machine translation model (Yuan and Briscoe, 2016) and character-based sequence-to-sequence machine translation model (Xie et al, 2016)
- Design and Implement sequence-to-sequence machine translation model using transformers
- **Tech Stack** - Python, TensorFlow 2.0, Tensor-to-Tensor, Panda, Numpy, NLP

Doctor Llama Web Application Project April 2018

- Developed a web application in which the patient can view information about all the hospitals and clinics located in Singapore and book an appointment at those hospital
- Involved in the all stages of Software Development Life Cycle
- **Tech Stack** - C#, ASP.NET, SQL, Data.gov.sg API

Robot Colony Competition Project Mar 2016 - Feb 2017

- Developed a C program for analog and digital sensors of robot to detect boundaries and obstacles and for robot's motors which makes the robots move in any defined speed and defined distance
- Drew 3D design models for the components of the robot and produced precise and accurate components by giving attention to detailed measurement up to millimetres scale
- **Tech Stack** - C, IronCad

SKILLS

Languages : C, Python, HTML, CSS, JavaScript, C++, Java, C#, SQL, PHP
Libraries & Frameworks: Bootstrap4, Laravel, React, React Native, Microsoft Bot, LUIS, QnA Maker
IDEs and Tools: Atom, Visual Studio Code, Visual Studio, Eclipse, Android Studio, Xcode

OTHER AWARDS AND CERTIFICATIONS

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- Singapore Robotic Competition 2017 (First Runner-up award out of four teams)
 - Winner of Heidenhain Pacific Prize (The most outstanding award for Data Communication Module)