



NG BO XUN

Hayden



0905 350 342



nbx7777@gmail.com



EDUCATION

FU JEN CATHOLIC UNIVERSITY

Department of Information Management, September 2015 — June 2019

NATIONAL CHENGCHI UNIVERSITY

Department of Information Management, September 2020 —



PROJECTS

BROKEN BICYCLES REPORTING SYSTEM, Taipei, Taiwan, 2019

Operating System: Pymessenger, Amazon Dynamo DB, Ngrok, Firebase

- Used pymessenger package to managed Facebook Messenger chat flow
- Access parameters in Dynamo Database by Python Boto3 packages
- Used ngrok to create a secure tunnel from a public endpoint and set up a temporary local server on personal device
- Create a conversational question-and-answer by using Line Chatbot with Firebase

TRAFFIC OPTIMIZATION BASED ON MACHINE LEARNING, 2018-2019

Operating System: Laravel, Flask, Raspberry Pi, Tensorflow, Line Notify, Amazon SNS

- Used Laravel web application framework for our system
- Used Raspberry Pi and Flask to provide Web-based video streaming
- Darkflow for object-detection
- Received error notifications by Line Notify and Amazon SNS

AZURE CLOUD SERVICE COURSE DEVELOPMENT, 2019-present

- Manage, connect, and deploy your bot across devices and popular channels
- Three-tier architecture by using Azure Virtual Machine Scale Set
- ...



EXPERIENCE

Lego mindstorms ev3 competition - Coach - Champion - 2017

Promote coding to rural education - Teaching Assistant - 2018-2019

eCloudvalley Technology - Technical intern - 2019-2020



SKILL

- Programming Language: Java, Python, R
- Operating System: Linux(Ubuntu), Windows
- Other: Azure(Services & Certificates), Docker



Side-Project's Link

- Broken Bicycles Reporting System
- Azure Cloud Service
 1. Azure Automation
 - I. Templates-deployment
 - II. Start/Stop-VM-on-runbook
 - III. Management-update
 - IV. Automation Create & Delete RG
 2. Azure Container Instance
 - I. Azure Container Instance 001
 - II. Azure Container Instance 002
 - III. Azure Container Instance 003
 3. Azure Stream Analytics
 4. Azure Custom Vision
 5. Disk Snapshot
 6. Elastic Architecture-VM ScaleSet
 7. QnA Maker
 8. Static Website - LAMP- VM ScaleSet
 - I. Static Website with Blob Storage
 - II. Build LAMP Structure in Azure VM
 - III. Build Static Website with Azure VM Scale Set
 9. Three-Tier Architecture



證照

- Microsoft-Certified: Azure Fundamentals (AZ 900)
- Microsoft-Certified: Azure Administrator Associate (AZ 103)