

Haolu MA

Network engineer



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SUMMARY

Dedicated and skilled network engineer with expertise in network architecture and software development. Two years of working as university lab-leader, bringing forth a proven record in leading multiple successful projects related to Networking (Cisco devices and Azure & AWS cloud service) and AI. Experienced in building both the front end and back end, as well as databases for websites.

EDUCATION

Wintec, Hamilton

Bachelor of Applied Information Technology

Research Interest: Networking pathway

Enrolled 2023, expected to graduate in 2024.

Jinhua polytechnic, Jinhua, China

Diploma in Computer Network Technology

GPA:3.35

2019 – 2022

SKILLS

Networking:

- Cisco network devices
- AWS cloud, Azure cloud

Language & Software:

- Python, Golang, Java
- JavaScript, HTML, CSS
- SQL

Frameworks:

- Django, Gin, React
- TensorFlow, OpenCV

CERTIFICATION

Database:

- OceanBase Version V2 Certification (Database)

PROJECT EXPERIENCE

REXNET Network Architecture Design

Wintec | 2023

- Designed the network architecture on demand with listed resources.
- Configured ASA, routers, and switches to provide a DMZ server and an IPsec tunnel connecting two offices.
- Achieved a balance between security and scalability.

Go Game Stone Position Recognition

Jinhua polytechnic | 2022

- Managed to develop all programs independently.
- Successfully developed functional programs to recognize the color and position of stones on the Go game board in photos.
- Utilized OpenCV and TensorFlow for noise reduction and recognition features.

Object Trajectory Tracking System

Jinhua polytechnic | 2021

- Appointed as team leader of this project.
- Used TensorFlow to detect objects while designing algorithm to track target objects frame by frame.
- Served as the main researcher in the project with it being the major research accomplishment of the laboratory in the year 2021.