# <L0Y CATHERINE KI - YIN >

# PROFESSIONAL EXPERIENCE

#### **Software Engineer Intern**

Vertex Venture Management May 2021 - Jul 2021

- Productionised AI models and create a web application for company's internal users using Django.
- Containerised web application using Docker, and deployed it on Google Cloud Platform's Cloud Run.
- Implemented weekly news scrapers using Python and BeautifulSoup, and deployed it on Apache Airflow.

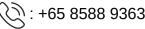
#### **Software Developer Intern**

Augmentus Dec 2020 - May 2021

• Developed feature in Augmentus app using C# and AWS to train and deploy object detection models.

**Software Engineer Intern** Hiverlab May 2020 - Jul 2020

- Built landing pages to showcase and promote Hiverlab's products.
- Converted UI/UX design wireframe to a styled website using HTML, CSS, JavaScript and Bootstrap.
- Collaborated on SMU Virtual Graduation 2020 project to develop landing page and implement the MobileAR feature.





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# EDUCATION

#### Bachelor of Computing in Computer Science

National University of Singapore Aug 2018 - Present (Expected graduation: June 2022)

Focus Areas in Software Engineering and Artificial Intelligence

# SKILLS & PROFICIENCIES

- Languages: Python, Java, C++, HTML, CSS, C#, SQL
- Cloud: Google Cloud Platform, AWS
- Version Control: GitHub
- Frameworks/Libraries: Django, TensorFlow

### PROJECTS

#### CS3203 Software Engineering Project

- Aug 2021 Present
- Build a command-line static program analyser from scratch using C++ with 5 other teammates

# **CO-CURRICULAR ACTIVITIES**

#### Vice-Captain, ACJC Girls' Swim Team

- Aug 2016 Aug 2017
- Provided leadership as vice-captain for 2016 - 2017 season.
- Demonstrated a high level of initiative by organising camps to facilitate and improve communication and teambonding among team members.

# </FINAL YEAR COMPUTER SCIENCE STUDENT>