Ho Yeung CHIM

Room 105, Klostergatan 16, 75321 Uppsala, Sweden
+46 0724439692
ho-yeung.chim.2766@student.uu.se

A highly motivated student interested in structural biology, computational biology and deep learning. I am a hardworking and ambitious student with great passion for biology-related research. I am adaptable to different environments and always eager to be challenged in order to grow and improve my knowledge and skills. I am planning to pursue further studies in which I can learn more about bioinformatics/computational biology.

EDUCATION AND TRAINING

MASTER's PROGRAMME IN BIOINFORMATICS 2021 to Present
Uppsala University

- Research Training Project: Machine Learning models for compound activity classification
- Research Training Project: Cell segmentation in time-lapse image-sequences
- Thesis Project: Modeling large protein complexes with IMP

BACHELOR OF SCIENCE IN BIOCHEMISTRY AND CELL BIOLOGY 2017 to 2021
The Hong Kong University of Science and Technology

- **FINAL YEAR PROJECT:** Building a computational model of synaptic transmission in inhibitory synapses.

WORKING EXPERIENCE

Undergraduate Research Assistant 2019-12 to 2020-07
Hong Kong University Microbiology Department

- Provide support on different projects with focus on medical mycology and molecular biology.

EXTRA CURRICULAR ACTIVITY

Member 2017-09 to Present
City Hong Kong Pipe Band

- Weekly Practice
- Performances

Member and tutor 2011-10 to Present
Scout Association of Hong Kong Sau Mau Ping District Scout Band

- Help the new coming member used to band activity

- Teach junior members and help them to catch up the progress
- Weekly practice
- Performances

Mechanical Assistant Engineer 2018-09 to 2019-08
HKUST RoboMaster team

- Mechanical duties and, design and draw CAD for the ‘Hero robots’

Member 2018-01 to 2018-05
HKUST iGem team

- Design biofuel cell and container for Genetically modified bacteria

Member 2017-09 to 2018-08
SIGHT

- MedEasy project (Electronic Medical Record System)
- Mainly in charge of hardware and, communication with public and One-2-One(a NGO in Cambodia)

PUBLICATION

Johansson MM et al, Cell Painting paired with machine learning as a powerful combination in compound toxicity prediction. **In Progress**. 2022

Tsang CC et al., Rare/Cryptic Aspergillus species infections and importance of antifungal susceptibility testing. **Mycoses**. 2020

AWARDS AND QUALIFICATIONS

- Uppsala University International Scholarship fund 2022-04-05
- RoboMaster Robotics Competition (International Regional) - Champion 2019-08-15
- RoboMaster Robotics Competition (Final Tournament) - Top 12 2019-08-15
- Chun Wo Development Holdings Limited - Chun Wo Innovation Student Awards, Silver 2018-11-02

LANGUAGE AND SKILLS

Cantonese	Native
Mandarin	Fluent
English	Fluent
Python	Advanced
Pytorch	Intermediate
R	Intermediate