

frogbubbletea

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Profiles

[frogbubbletea](#)

Summary

An active learner and inquisitive student in HKUST majoring in Computer Science and an Extended Major in Artificial Intelligence. I am looking for opportunities to practice my knowledge and skills in software and problem-solving by applying them in real world scenarios.

Education

The Hong Kong University of Science and Technology **Fall 2021 - Present**
Bachelor of Engineering
Computer Science + Extended Major in Artificial Intelligence

Projects

tab-bot **February 2023 - Present**
HKUST course data tracker and analyzer
<https://github.com/frogbubbletea/tab-bot>
Python, web scraping, Discord bot

jack-the-ripper **December 2022 - Present**
Discord music bot that streams from YouTube
<https://github.com/frogbubbletea/jack-the-ripper>
Python, Discord bot

Selected HKUST Courses

COMP 4321 **2023-24 Spring**
Search Engines for Web and Enterprise Data
This course studies technologies behind search engines, from crawling, indexing, retrieval to ranking, as well as the methods to evaluate and improve searching performance. The course features a group project that builds a search engine, including a database and web user interface.

COMP 4211 **2023-24 Spring**
Machine Learning
This course covers various machine learning methods, such as linear and logistic regression, neural networks, transformers, support vector machines, and provides hands-on practice with ML and data science libraries including TensorFlow, Keras, scikit-learn, Pandas, NumPy.

COMP 3021 **2023-24 Fall**
Java Programming
This course reinforces OOP concepts using Java, and introduces more key programming concepts including functional programming and concurrency.

COMP 3111 **2023-24 Fall**
Software Engineering
This course introduces the process of software development and the methodologies, tools and skills, which are applied in an open source Java group project.

Skills

Microsoft Office
Word, Excel, PowerPoint
● ● ● ○ ○

Operating Systems
macOS, Linux, Windows
● ● ● ○ ○

Git
Git, GitHub
● ● ● ○ ○

LaTeX
● ● ● ○ ○

Python
● ● ● ● ○

C, C++
● ● ● ○ ○

Java
● ● ● ○ ○

HTML/CSS
● ● ○ ○ ○

JavaScript
● ○ ○ ○ ○

SQL
● ○ ○ ○ ○

VBA
● ○ ○ ○ ○

Languages

Cantonese
Native
● ● ● ● ●

Mandarin
Fluent
● ● ● ● ○

English
Fluent
● ● ● ● ○