Fangzhou Ye

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EXPERIENCE

JTechDigital, 12803 Park 1 Dr, Sugar Land, TX 77478, Summer internship

Jun-2021 - Aug-2021

EDUCATION

Houston Community College,

Computer Prog-Appl Dev

1550 Foxlake Dr, Houston, TX 77084

Aug 2019 - May 2021

The University of Texas at Dallas,

Computer Science

800 W Campbell Rd, Richardson, TX 75080

Aug 2021 - Now

PROJECTS:

Internship:

1. Inventory check/update script for products sale on Walmart (Python)
2. A mini test server for test the Script above (JavaScript/GraphQl)
3. Home Assistant platform Integration for J-200 (Python)
4. Home Assistant user guidebook and concepts manual for future developing

(docs/HTML)

Personal:

Bilibil:

1. AS_Kit (Threads/Processes versions):

    My personal social media account running tool was made during the internship period cause I have no time to run that. (Python, account "like" usage got limited)

    Usage: Enter cookie data for the first time, follow the instructions, then select functions needed.

    Functions:

    1. check new videos of people you want to chase on.
    2. leave likes and comments (optional, cookie required)
    3. fetch the aggressive comments with user-id, content, video-id, and record them in local JSON files (optional)
    4. Download the video and audio from the source address bypassing the app (cookie required).

(Python, .exe version only available for multi-threading)

2. Phonograph

(abandoned due to policy):

    A bot that gets video original source link and posted in comments. Mean to provide another method of download to others than using the bilibili app.

    Usage: @ the bot account in the comments sections of a video. Then the bot will post the link to the video original source with an @ back.

(Python, Account usage got limited)

Non-bilibli:

1. Word_to_Pic:

    A tool fills all the non-white parts of the input picture with input words. (python)

2. Aliens:

    Prototype of Video!/What To Incarnate. It covers the human face in the input picture with a green alien face and creates an output picture. (Python)

3. Video!:

    A toy captures human faces from the camera, covers them with joker emoji, and shows them on screen.

    (Python, having some "lagging" issue)

4. What To Incarnate(processes):

    A toy captures human faces from the camera and covers it with optional emojis and shows it on screen.

    Usage: follow the instructions, the camera capture will pop out automatically.

    Functions:

    1. Ctrl+z: screenshot
    2. Ctrl+x: play/stop music
    3. Esc: quit the camera, detect the human face on screen and cover with selected emoji

    (Python, the multithreading version were facing serious "lagging" issue)

In-progress:

1. NINO (no in no out):

    This was mean to be a voice control bot that help me make the speech in my ENGL course in front of the class. Later, the class turned online, so I may make it for other purposes in the future. (Python, not available on GitHub yet)

2. Historical comments:

    A script proposes to fetch a user's historical comments on bilibili without using the bilibili server. (Python, not available on GitHub yet)

SKILLS:

CS associated:

1. Python

    (self teach during internship)

2. Basic Java (CS 1336)
3. Basic JS, HTML

    (self teach during internship)

4. C,C++ currently in course progress

General:

1. Fast learning

    (with a price of fast forget after no using for a period)

2. Note-taking
3. resource searching
4.

LANGUAGES

Chinese Mandarin

English