Nicholas Zhang

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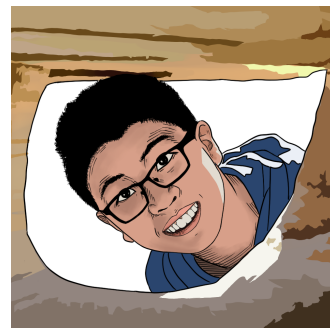
SKILLS

Python - Java - Javascript - HTML - CSS - Git - Linux/Bash - Windows
discord.py - BeautifulSoup - PyGame - Venv - TkInter - MatPlotLib

EXPERIENCE

School Simplified Discord Server *VP of Technology*
NOVEMBER 2020 - PRESENT

- Led and managed an organization of 4+ managers, 7+ programmers, and 12+ QA/IT staff, serving 70,000+ students' school tutoring needs
- Designed and implemented 10+ Discord bots in Python/JS and 2 websites in HTML/CSS/JS/Bootstrap/PHP
- Administered and maintained Discord server (roles, channels, channel permissions, etc)

Skyline Coding Club *Founder + President*
OCTOBER 2019 - PRESENT

- Founded and led Skyline High School's coding club with 6+ weekly-active-members
- Taught Python for use in programming contests and club projects

SOFTWARE PROJECTS

- Meeting Announcement Discord Bot - finds Zoom links using parser and Canvas API
- Trivia Discord Bot - produces trivia questions; answers with emote reactions
- Online GPA Calculator - calculates GPA and graduation eligibility in p5.js
- NYPhil Archive Scraper - generates sheet music PDF from NYPhil archive link
- π Approximation Analyzer - compares convergence of series approximations of π
- Zipf's Law Graph from Text - graphs the frequency of different words in txt file

EDUCATION

Skyline High School GPA 3.97/4.0 | Class of 2023 | All AP/IB/Honors Classes

Coursera Princeton Algorithms by Sedgewick and Wayne

Codecademy Python + Java + Git + Command Line

Utah Code to Success JS + HTML + CSS

ACHIEVEMENTS

Rank #33 on Kattis Programming Contest Website in State

1st place 2021 State Technology Student Association HS Coding Contest and Tech Bowl