

Nick Zhang

Website nicholasz2510.github.io
GitHub github.com/nicholasz2510
Phone (801) 433-8718
Email nicholasz2510@gmail.com

SKILLS

Python - Java - Scala - Javascript - Typescript - HTML - CSS - Git - AWS - Linux/Bash - Windows

EXPERIENCE



Lucid Software *Software Engineer Intern*

MAY 2022 - AUGUST 2022

- Paid internship (competitive with college students from across the nation) with leading software company valued at \$3 billion
- Had half a dozen discrete changes/features make it to production
- Contributed to overhaul of the BLOB storage system using AWS lambdas, SNS, SQS, & S3



School Simplified Discord Server *VP of Technology*

NOVEMBER 2020 - JANUARY 2022

- Led and managed an organization of 4+ managers, 7+ programmers, and 12+ QA/IT staff, serving 50,000+ students' school tutoring needs
- Designed/implemented multiple Discord bots in Python/JS; website in HTML/CSS/JS



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 3.9/4.0 | Class of 2023 | President of TSA and Coding Club |

International Baccalaureate Diploma Candidate | Rigorous AP/IB Classes

Online Courses Princeton Algorithms by Sedgewick and Wayne - Python + Java + Git + CMD Line

Utah Code to Success JS + HTML + CSS

ACHIEVEMENTS

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

1st place 2022 State Technology Student Association HS Tech Bowl

AP Scholar with Distinction