William Zhang
willzhang05@gmail.com
GitHub: @willzhang05
https://wzhang.me

Resume

Academics:

Thomas Jefferson High School for Science and Technology, Alexandria, VA (2014 – Present)

- Accelerated Computer Science (Python)
- Currently studying
  - Java and data structures in APCS
  - Systems Administration and C in extracurricular

Experience:

Volunteer at Rocky Run Middle School, Chantilly, VA

- Rocky Run Middle School Tech Padawans (2013): Promoted the BYOD movement, provided technical support, and presented ideas on the applications of technology in schools to teachers and administrators
- Tech Camp (2013): Organized and led activities for students while providing technical support for students and teachers

Volunteer at Thomas Jefferson High School for Science and Technology, Alexandria, VA

- Computer Tech Assistants (2014 – Present): Maintain school technology; identifying and either fixing or reporting problems

Volunteer at Reboot for Youth (2014 – Present): Refurbish and repair computers to be donated to the needy

Volunteer at Project CodeT (2016 – Present): Tutor and teach kids to program in Python or Java

Projects:

- **TJCSL TVMonitor**
  HTML5 web app designed to be displayed on the 75" TV above the admin pit in the TJ Computer Systems Lab.
- **TJShares Concept**
  A design concept to replace the old https://shares.tjhsst.edu/ website.
- **Eighth Period Tracker**
  HTML5 web app used to display statistics of TJ eighth period club attendance.
- **Java Order-2 Markov Chain Implementation**
  Java code to generate Markov chains with a specified source file and chain length.
- **Covalence**
  JavaScript/jQuery + PHP + Python app made at HackTJ 2016 that shares music or photos from a specified local directory on the server and organizes it on a Web UI.

Skills:

- HTML+CSS
- JavaScript+jQuery
- Jekyll
- Nginx
- Bash
- Git
- Arch/Ubuntu+Debian Linux
- Java
- Python
- Computer Building
- IT Support