

Anna Hsu

she/her
annaahsu.dev

Hi! I'm a 17 year old senior from Northern Virginia. I'm a journalist, musician, and engineer interested in how the world works so I can make it better. In my (rare) spare time, you can find me eating Taiwanese food, watching baseball, or writing songs!

Email: 2022ahsu@tjhsst.edu
Phone: +1 571-585-8205
Github: @annaahsu
LinkedIn: @annaahsu
Figma: @annaahsu

Experience & Activities

Cyberweek.org

Curriculum Development
Lead, Marketing Intern

Aug. 2020—present

TJ Latin Honor Society

Webmaster

Oct. 2020—present

TJ Dev Club

Co-President

Jun. 2021—present

Chief Lecturer

Jun. 2020—Jun. 2021

TJ Computer Security Club

Lecturer

Jun. 2021—present

Tacy Foundation

Web Developer

Apr. 2021—present

Live Concerts Chief Intern

Feb. 2021—present

Young Musical Minds

Blogger/Editor

Jun. 2021—present

tjTODAY

Staff Writer

Aug. 2020—present

Girls Who Code

Teacher's Assistant

Aug. 2018—Jun. 2019

Colonial Chamber Players

Co-President & Coach

Aug. 2018—Jun. 2019

Led team of five interns. Developed cybersecurity and CS curriculum for virtual programs used by groups and school systems including Code VA and Frederick County Public Schools. Formulated social media outreach strategy for the programs.

Re-designed and developed the TJ Latin website. Sourced and wrote content for blog posts and new updates. Tutored students in the TJ Latin program.

Led club and officer meetings. Organized club events and collaborations with other clubs and organizations.

Lectured on web development topics such as HTML and Flask. Led club and officer meetings. Hosted and judged in-house competitions.

Lectured and wrote practice problems on cybersecurity topics. Organized TJCTF 2022. Participated in cybersecurity capture-the-flag (CTF) with tjcsc and PRINCESSES OF REDPWN.

Moved websites for Tacy Foundation programs from Shopify. Designed and developed frontend of updated websites.

Hosted live virtual performances on YouTube for seniors and hospitals across the DC metro area. Designed concert programs, coordinated performance logistics, and provided technology support for performers.

Interviewed music educators and published blog posts on the intersection between Science, Technology, Engineering, Math (STEM) and the arts.

Wrote and published online articles for the school newsmagazine. Interviewed students and conducted surveys. Created article graphics.

Taught 7th grade girls various basic coding concepts such as variables and loops, as well as microcontroller programming and electronic wiring.

Organized students into performance groups and selected repertoire. Coached performers to improve their chamber ensemble playing. Developed website to showcase performers and conduct greater outreach.

Education

Thomas Jefferson High School for
Science and Technology
(Jun. 2022, expected)

Microelectronics (4.412/4.000)

Pertinent Coursework & Exams

- Microelectronics Research
- Microprocessor Systems
- Audio Electronics
- Analog Electronics
- Digital Electronics
- AP Calculus BC
- AP Physics C Mech/E&M
- AP Chemistry (5)
- AP Computer Science A (5)

Skills

CS — HTML, CSS, JavaScript, Java

Design & Content Management —
Figma, Notion, Jekyll, Netlify CMS,
Cloudflare Pages, Netlify

Tools & Workflow — Notion, Microsoft
Office, Git

Languages — English (fluent),
Mandarin (fluent), Latin (proficient)

Selected Projects

TJ Latin — Rewrote website using Jekyll for TJ Latin program to contain materials for events such as chapter events and Junior Classical League Convention.

Virtual Live Concerts — Co-wrote website as alternative to Signup.com to house signups for Tacy Foundation performances using Django and Bootstrap.

Awards

2021 2nd in High School Division at
HSCTF 8

2021 2nd at NVMTA Composer's
Competition

2020 1st at VJCL Convention Reading
Comprehension