

Daniel Hu

High School Student interested in Computer Science

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EDUCATION

High School

West Windsor - Plainsboro High School South

09/2017 - Present

3.95/4.00 (UW), 4.83/5.00 (W)

Relevant Coursework

- AP Computer Science A
- AP Calculus BC
- Advanced Topics in Computer Science Honors
- Multivariable Calculus Honors

WORK & VOLUNTEER EXPERIENCE

Student Teacher

Kumon North America

01/2020 - Present

Achievements/Tasks

- Taught children English and Math ranging from elementary level to high school level.

Director of Outreach

Computer Science Remastered [↗](#)

01/2018 - Present

A 501(c)(3) nonprofit organization aimed at teaching students one-on-one computer science for free.

Achievements/Tasks

- Led student organization to teach students Java and Python in a 1-on-1 setting, expanding organization to create international branches in India and China

English Teacher

Princeton Learning Experience

09/2017 - 01/2018

Achievements/Tasks

- Utilized Zoom to give weekly English lessons to students in China, teaching vocabulary and comprehension.

Teaching Assistant

Hua Xia Plainsboro Chinese School

09/2018 - 06/2019

Achievements/Tasks

- Taught class of ~20 elementary students Chinese lessons and strengthened the bond between their native tongue, English, with Mandarin.

Translator and Transcriber

TED

04/2020 - Present

Achievements/Tasks

- Used Amara, a video subtitle program, to translate and transcribe TED and TEDx talks

SKILLS

Java

HTML5

CSS3

Javascript

Node.js

Express

MongoDB

Bootstrap 3/4

jQuery

Google Apps

PERSONAL PROJECTS

BKrafts [↗](#)

- An e-commerce Express web app created for my friend's personal woodworking business, with user authentication, built with Node.js, Express and MongoDB.

Colorfull [↗](#)

- Mobile game that familiarizes incoming developers and students with the CSS RGB Color System, including a lives system along with a high score feature, created with Android Studio's WebView.

Ambassadors for World Health Awareness Website [↗](#)

- As the secretary of AFWHA, a club at my high school, I developed the website for the club, which is a static website powered by HTML5/CSS3 and Bootstrap 4.

ACHIEVEMENTS

National AP Scholar

Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, and scores of 4 or higher on eight or more of these exams

Questbridge College Prep Scholar

The College Prep Scholars Program equips high-achieving high school juniors from low-income backgrounds with the knowledge, confidence, and resources to apply to top colleges.

USACO Silver Division

Created Java algorithms to complete all Bronze Division questions in the allotted time, competing among 7,000 competitors.

WW-P South Boys' Volleyball Varsity Letter

Played as a starter for my high schools' Boys' Volleyball Varsity team.

LANGUAGES

English

Native or Bilingual Proficiency

Mandarin

Full Professional Proficiency

Spanish

Professional Working Proficiency