# Daniel Hu

High School Student interested in Computer Science

✓ d4niel.hu14@gmail.com

(732) 666 1418



Princeton, NJ



dy-hu.github.io



github.com/dy-hu

### **EDUCATION**

## **High School**

West Windsor - Plainsboro High School South

AP Computer Science A

 Advanced Topics in Computer Science Honors

AP Calculus BC

 Multivariable Calculus Honors

### **WORK & VOLUNTEER EXPERIENCE**

#### **Student Teacher**

Kumon North America

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

### **Director of Outreach**

Computer Science Remastered

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

 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

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

### **Teaching Assistant**

Hua Xia Plainsboro Chinese School

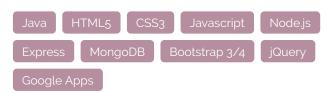
 Taught class of ~20 elementary students Chinese lessons and strengthened the bond between their native tongue, English, with Mandarin.

### **Translator and Transcriber**

TFD

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

# **SKILLS**



# 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 2

 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