

# RICHARD HUANG

## STUDENT

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## Skills

### COMPUTERS

Windows  
Linux  
Robotics  
Programming

### OFFICE APPLICATIONS

Microsoft Office

### OTHER

Journalism  
Social Networking

### PROGRAMMING LANGUAGES

Java  
Javascript  
C++  
HTML  
CSS  
Bash (Un\*x shell)

## Education

### Evergreen Valley High School

4.0 GPA (unweighted)

Courses: AP Calculus AB, AP World History, AP Literature, AP Computer Science, AP Physics C, AP Calculus BC, AP Language Arts, AP Statistics, AP Government, AP Economics, AP French, AP Chinese

## Activities

### EVHS Robotics

President

2016 to Current

I teach programming workshops, maintain the website & update it, program vision tracking software & other subsystems for our robot. Our members increased by more than 30% in previous years. Furthermore, I helped organize & host the 2017 FRC CalGames.

FRC Programming Lead

2015 to 2016

### EVHS Speech and Debate

Webmaster, Lead System Administrator and Database Manager

May 2016 to Current

I create the website for the club that handles all the club logistics, user accounts, member balances, transactions (>\$60k transactions/year), tournament signups, and update posts. I am responsible for server upkeep configuration, and reliable operation.

### Web Dev Club

President

May 2017 to Aug 2017

I taught students how to build websites, use Git (a version control manager) and GitHub to store their code, and how to make basic web applications. Members were able to make their own personal website & help make websites for other clubs in our school.

Technology Lead

Aug 2017 to May 2017

### Multicultural Culinary Arts Club

Vice President

Aug 2017 to Current

Helped organize cooking sessions, cooking competitions, and taught multicultural recipes. Invited professional dietician to educate members on nutrition.

### HS HACKS

Organizer

Dec 2016 to Mar 2017

I organized the biggest high school hackathon in the world (1300+ attendees) and maintained the event logistics, inviting guest speakers from Major League Hacks, Amazon, Digital Ocean, Make School, and IBM. I built the website & served food to attendees.

### Aborn Institute

Teacher

Aug 2015 to Jun 2017

Each day, I taught 30 elementary & middle school students Olympiad math, English, and Chinese and helped them with their schoolwork. All of them have improved their grades in school. I inspired their love to learn new subjects and utilize their curiosity.

## Projects

### Mext

Music on demand via testing. Winning hack for EVHacks hackathon in 2015 for Most Technical Hack.

### Modular Laptop

A conceptual idea of a module-based laptop presentation for a business meeting.

### EVSD Website

Website for the Evergreen Valley High School Speech and Debate club.

### Coogle

I made an online anonymous forum for students to help each other out with the challenges of high school

## Awards

Einstein Award (1st place) at Synopsys Sciencepalooza · Synopsys

Jan 2015

Most Technical Hack at EVHacks · Evergreen Valley High School SNHS Club

Oct 2015

Best Android Game at Teen Hackathon · Rauhmel Fox

Mar 2015

## Volunteering

Momentum · Teacher

Aug 2015 to Current

Science National Honors Society

I teach disadvantaged kids about STEM fields through hands-on labs; I developed an edu lab where they made robotic arms w/ household objects, teaching basic robotics & human anatomy. I inspired their interest for STEM & built up their hands-on skills.

San Jose Public Library · Tech Mentor

May 2016 to Current

Village Square Branch Library

I help people at the library with computer questions and problems ranging from computer, to mobile help, to internet usage, to job applications. I was interviewed by our local newspaper about cybersecurity and computer technology.