

# Henry Wang

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## EDUCATION

### UNIVERSITY OF TEXAS AT DALLAS

BS IN COMPUTER SCIENCE

Expected Dec 2020 | Richardson, TX

Current GPA: 3.938

AES Scholarship at Honors level

Admission to CS<sup>2</sup> Honors

### PLANO WEST HIGH SCHOOL

Grad. June 2017 | Plano, TX

Ranked 76 of 1335

## LINKS

Github:// theKidOfArcrania

## SKILLS

### PROGRAMMING

Java • Assembly (x86, MIPS) • C++ • C

JavaScript • PHP • CSS • Python

### OPERATING SYSTEMS

Ubuntu Linux • Windows

### COMMAND-LINE TOOLS

git • vim • gdb • objdump

## VOLUNTEERING

### CTF WORKSHOP ORGANIZER

8 July 2017 | University of Texas at Dallas, Richardson, TX

Organized and taught an extensive one-day workshop covering basic cyber security concepts

### AV COORDINATOR

Aug. 2013 - June 2016 | Dallas Chinese Bible Church (1707 Campbell Trail, Richardson, TX)

Maintained powerpoint slides for my youth group at church

## REFERENCES

Available upon request

## PROJECTS

### RE^2 ASSEMBLY LANGUAGE

July 2017 | <https://github.com/theKidOfArcrania/RE-2-Language>

Invented a simple CISC 16-bit esoteric architecture and created a simple interpreter and assembler built in Java

### MISSION TURTLE

April-May 2017 | <https://github.com/theKidOfArcrania/Mission-Turtle>

Created a top-down fully customizable maze game with 21 levels built in Java

### BLOCKLY.IO

February-March 2017 | <https://github.com/theKidOfArcrania/BlocklyIO>

Created a simple clone of Paper.io using Node.JS and socket.io. Implements a real-time multiplayer gaming mode unlike Paper.io. This project has since garnered some interest from a few other people.

## ACTIVITIES

### ICPC QUALIFIERS

October 2017

- Competed in a national-wide qualifier computer programming competition
- 4th place out of the UTD teams

### CODE BURNERS

August-December 2017

- Build up on algorithmic knowledge and applying them to problem solving

### COMPUTER SECURITY GROUP

August-December 2017

- Learn about various aspects of computer security

### PICOCTF 2017

April 2017 | <https://picoctf.com>

- Team: swagtrain
- Online cyber security competition
- 12th out of around 12000 teams, receiving \$250 as prize
- <https://github.com/theKidOfArcrania/picoCTF-2017-Writeups> contains writeup

### COMPUTER SCIENCE STATE UIL

March 2017

- Only invitational to winners of the regional Computer Science UIL competitions
- 3rd place in team, 6th place individual

### COMPUTER CLUB EXECUTIVE OFFICER

August 2016 - May 2017

- Managed computer club logistics
- Taught some lessons within computer club