# Kyle Pan

Freshman @ University of California, Irvine

**About Me:**
A University of California, Irvine, student
with experience with computer programming
involving teaching computer science,
software testing, medical ultrasound,
web developing, and video game programming.
Passionate about writing "good" code and creating
software that will have a real world application.

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## Education

### University of California, Irvine - UCI  [Regents' Scholarship]

GPA: N/A

March 2025

Bachelors of Science, Data Science

**Relevant Coursework:** Programming Languages, Linear Algebra

**Achievements:** Campuswide Honors Collegium

### Westview High School

GPA: 4.37

June 2021

High School Diploma

**Relevant Coursework:** AP Computer Science, AP Physics C E&M, AP Physics C Mechanics, AP Calculus BC, AP Statistics

**Achievements:** California Scholarship Federation, Honor Roll

## Leadership Experience

### ICAT Teaching Assistant

Summer 2020

Assisted with teachers and students' programs. Spoke with REHS Board members about ICAT's mission and achievements.

### Westview Badminton

2017-2021

Captain of the team. Lead the team to California Interscholastic Federation each year.

### Peer Counseling

2019-2021

Spread positive awareness in school, showcased the importance of physical and mental health, tutored students in a variety of math levels.

## Work Experience

### Cloudstream Medical Imaging , Inc

San Diego, CA

Summer 2021

Software Analyst Intern

Developed code to clarify and add more viewing options to ultrasound medical images.

Contributions:

- Applied post-processing image softwares for image clarity
- Implemented a Tukey window function for viewing option
- Created a v-wave imagining algorithm for image clarity

Skills Used: OpenCV ‣ Qt Objects ‣ Medical Imaging ‣ C++

### San Diego Supercomputer Center StudentTech

San Diego, CA

Summer 2020

ICAT Teaching Assistant

Taught teachers how to integrate computer programming into their teaching curriculum.

Contributions:

- Developed code for games like Tower of Hanoi and Thai21
- Mentored teachers on software development
- Spoke in REHS Board Meeting for the ICAT Program

Skills Used: Python ‣ Jupyter Notebook

### Cloudstream Medical Imaging , Inc

San Diego, CA

Summer 2020

Software Quality Assurance Intern

Tested multiple cases to determine if the software had bugs.

Contributions:

- Tested a variety of situations for each part of the pipeline
- Fixed parts of the program where bugs were detected
- Reviewed code to ensure there are no faults

Skills Used: C++

## Skills

- ‣ C++
- ‣ Python
- ‣ Java
- ‣ HTML
- ‣ CSS
- ‣ Javascript
- ‣ OpenCV
- ‣ Medical Imaging
- ‣ Jupyter Notebook
- ‣ Qt Objects