Kyle Pan

Freshman @ University of California, Irvine

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Education

University of California, Irvine – UCI [Regents' Scholarship]

GPA: 3.57
June 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

Organizations

Commit the Change

2021-Present

UCI organization that helps deliver useful software to non-profit organizations.

Currently working on: findyouranchor.us

- Help make tracking system for their boxes
- Use map api to display boxes as pointers

Skills Used: React ‣ API ‣ NodeJS

ICS Student Council

2021-Present

UCI organization that works on development projects for the students in UCI.

Currently working on: peterportal.org

- Help work on the UI/UX design of the website
- Use api to get data on class grade distribution

Skills Used: React ‣ API ‣ Express

Projects

Personal Website

kylepan.netlify.app

A website that showcases a little bit about me and pictures that I have taken over the years.

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

San Diego, CA
Summer 2020

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
- React
- CSS
- API
- Javascript
- OpenCV
- NodeJS
- Express
- Medical Imaging
- Jupyter Notebook
- Qt Objects