



Kyle Pan

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Education

University of California, Irvine - UCI

Sep 2021 - Expected June 2025

Bachelor of Science, Data Science

Irvine, CA

GPA: 3.57

- Programming in Python & C++, Linear Algebra, Boolean Logic, Discrete Math, Computer Organization

Work Experience

Cloudstream Medical Imaging, Inc.

July 2021 - Sep 2021

Software Analyst Intern

San Diego, CA

- Added 5 digital filtering techniques, like median and bilateral filter, to remove noise from an image
- Developed a linear conversion between dB and PPM to help adjust the switch between sound measurements
- Created an ultrasound v-wave to decrease the reflected wave distance, thereby increasing image quality

Cloudstream Medical Imaging, Inc.

Aug 2020 - Sep 2020

Software Quality Assurance Intern

San Diego, CA

- Thoroughly checked and run through each test file to ensure a high quality user experience
- Fixed minor bugs that may have arise during the testing of each file

San Diego Supercomputer Center

Teaching Assistant

June 2020 - Aug 2020

San Diego, CA

- Spoke as the representative for the program in the REHS Poster Session
- Mentored 20 high school teachers on how Python and Jupyter Notebook can be used in the teaching landscape
- Taught concepts, like recursion, through programming games, like Tower of Hanoi and Thai21

Skills

Programming Languages: Python, C++, HTML, CSS, Javascript, Java

Frameworks/Libraries: React.js, Express, OpenCV, Qt

Soft Skills: Tutoring, Leadership, Public Speaking, Mentoring

Involvements

ICS Student Council

Nov 2021-Present

Developer

Irvine, CA

- Working with other developers to build software for students in UC Irvine relating to course information
- Designing and building Peter Portal into a mobile friendly website with React

Currently working on: peterportal.org

Commit the Change

Oct 2021-Present

Developer

Irvine, CA

- Working with other developers/designers to build software for a suicide prevention nonprofit organization, Find Your Anchor
- Creating a React website to display the 20,000+ gratitude boxes Find Your Anchor has launched in all 50 states
- Integrating Leaflet API for map visual and using Express for mass importing gratitude box information

Currently working on: under construction

Awards

Regents' Scholarship

University of California, Irvine

- Selected based on academic achievements, significant accomplishments, and leadership

Sep 2021 - Present

AP Scholar with Distinction 2019-2021

College Board

- Achieved an average score higher than 3.5 on all AP Exams

Sep 2019 - June 2021

California Scholarship Federation

Westview High School

- Selected based on high academic achievements and dedicated service to the community

Sep 2018 - June 2021

Honor Roll

Westview High School

- Earned above a 3.75 GPA every school year

Sep 2017 - June 2021