

Kayla Tran

Contact Information

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Skills

C++ • C • CSS • LaTeX •
Git • GitHub • Matlab •
Microsoft Office • Data
Structures • Arduino •
Tinker CAD • Blender •
Windows • Linux •
VMware • Assembly •
Research

Coursework

Machine Organization and
Assembly
Software Construction
Data Structures and
Algorithms
Embedded Systems
Design and Architecture
of Computer Systems
Design of Operating
Systems
Electronic Circuits

Awards

SMART Scholarship

Dean's List – Fall 2020,
Spring 2021, Spring 2022,
Fall 2022

Certifications

Red Cross Lifeguard
Certification

Clearance

Experience

Naval Research Enterprise Internship Program (NREIP)

Department of Navy • Point Mugu, CA • 2023

- Engaged in a 12-week paid internship with the Department of Defense (DoD), contributing to the "Game of Drones" project.
- Collaborated within a team to design, prototype, and construct a fully functional 3D-printed turret, showcasing innovation and problem-solving abilities.
- Took part in teaching workshops, introducing individuals to a scaled-down version of electronic warfare (EW), highlighting a commitment to knowledge sharing and teamwork.

College of Natural and Agricultural Sciences Transition Peer Mentor

University of California, Riverside • Riverside, CA • 2022 - Current

- Guided fellow students through the transfer process from CNAS to the Bourns College of Engineering
- Leveraged personal experiences to mentor and support peers facing the strict requirements and challenges of transferring into the engineering college
- Developed mentoring and leadership skills to support peers

Personal Network Lab Testing

2019 - Current

- Built network using VMware Workstation
- Created a Microsoft server VM running AD, DNS
- Harden VM Windows clients in accordance to DoD STIG
- Validate Windows security with DoD SCAP application

Rose Hack 2022

UCR • Riverside • 2022

- Created an interactive website documenting reading history in conjunction with a group of three other members
- Gained extra experience in front-end developing
- Won Best Domain Name

Education

University of California, Riverside

B.S. in Computer Engineering, GPA: 3.56
Riverside, CA, Expected June 2024