Derek Tran

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EDUCATION

California State University, Fullerton   Expected Graduation: May 2028
Bachelor of Science, Computer Science

EXPERIENCES

AVEVA Software LLC   Lake Forest, CA
Student Intern   Jun. 2024 – Jul. 2024
- Collaborated with **15+** industry professionals to analyze real-world engineering problems and operational case studies, driving hands-on learning through direct exposure to complex industrial automation challenges
- Developed proficiency in AVEVA's industrial automation software, establishing remote connection protocols and control systems for a custom-built Raspberry Pi Pico device, demonstrating practical IoT integration skills
- Built strategic professional relationships with senior engineers and technical specialists, securing lasting industry connections and ongoing mentorship opportunities for career development

The Coder School   Irvine, CA
Coding Coach   Jun. 2024 – Present
- Mentor **20+** students aged 7-18 through personalized one-on-one coding sessions, fostering independent problem-solving skills and confidence in tackling complex coding challenges
- Partnered with parents and families, establishing transparent communication channels that support each student's coding journey and long-term educational goals

Coding Minds   Irvine, CA
Coding Instructor   Jul. 2024 – Present
- Facilitate peer-to-peer learning experiences within classes of **20+** students, managing diverse skill levels while fostering peer collaboration and knowledge sharing in productive classroom environments
- Designed tailored curriculum for different class levels using Unity and PixelPad, reinforcing core programming fundamentals across **HTML/CSS, C#, Python**, and visual scripting languages

Freelance   Irvine, CA
Video Editor / Animator   Apr. 2020 – Present
- Collaborate with 7 international content creators across diverse time zones to produce **10+** animated music videos and long-form content, coordinating scriptwriting, visual design, and post-production timelines
- Develop expertise in industry-standard applications, including **Adobe Premiere Pro and After Effects**, through 4+ years of hands-on experience, mastering advanced animation and visual effects techniques

LEADERSHIP

Node Buds | Association for Computing Machinery at CSUF   Fullerton, CA
Member / Mentee   Aug. 2024 – Present
- Accelerate technical expertise through intensive portfolio development workshops and coding competitions, diving deep into AI exploration, machine learning frameworks, and competitive game development challenges
- Forge strategic professional networks with industry veterans, accomplished alumni, and high-achieving peers through exclusive speaker events and collaborative project workshops

United States Naval Sea Cadet Corps (USNSCC)   Mission Viejo, CA
Chief Petty Officer   Jan. 2017 – Jun. 2024
- Led and mentored junior cadets through a Navy-sponsored military youth leadership program, developing discipline, teamwork, and leadership skills in a structured environment
- Created and staffed **20+** drill schedules and **4** national trainings, ensuring adherence to naval standards and operational readiness across unit activities, coordinating logistics, and supporting cadet development

SKILLS

- Languages: JavaScript, C#, C++, Python, HTML, Linux & CSS
- Frameworks/Tools: PixelPad, Unity, Git, Adobe Premiere Pro, After Effects