

Aspen Knox

323.369.4172 | knoxaspen@gmail.com | [LinkedIn](#) | [IMDb](#)

EDUCATION

California State Polytechnic University, Pomona
Bachelor of Science, **Mechanical Engineering**

Exp. May 2026

Los Angeles Valley College
GPA: 3.55

Feb 2021 – June 2023

COURSEWORK

Engineering General 111: Intro to Eng. Drafting - SolidWorks

- Drafted mechanical components, bolts, and ball-joints adhering to ASME Y14.5 standards
- Executed assembly modeling and created animations to visually communicate mechanical processes

Engineering General 122: MatLab for Engineers

- Solved and analyzed engineering problems through numeric techniques and simulations
- Created, tested, and debugged programs to achieve computational objectives
- Analyzed and visualized data using graphs

CLUBS & ORGANIZATIONS

Orange County Sustainability Decathlon 2023, Team Roots – Interior Design Lead

Aug 2023 – Present

- Sourcing furniture, decorations and necessary equipment for the house installation at Fair Grounds
- Communicating with potential sponsors to secure cost-saving partnerships

Solar Boat – Team Member

Sep 2023 – Present

- Conducting research on propeller designs to enhance the boat's speed and stability
- Collaborating with Electrical Team to ensure seamless integration of electrical and mechanical systems

FILM PRODUCTION EXPERIENCE – Set Decoration Department, **Set Dresser**

Jan 2018 – Present

Contributed to 15+ projects ranging from award-winning TV shows to reality shows. Delivered exceptional set dressing that consistently elevated the visual quality and contributed to the overall success of each production.

The Killer, *Feature, L.A unit, Director: David Fincher, Netflix*

Succession, *Tv Show, Season 4, L.A unit, HBO*

Silicon Valley, *Tv Show, Season 6, HBO*

Dead to Me, *Tv Show, Season 2, Netflix*

- Achieved cost savings for the production by swiftly resolving day-to-day challenges, such as repairing LED light table malfunctions, and devising efficient methods for expediting truck loading processes
- Played a key role in optimizing warehouse storage space by consolidating furniture on pallets, resulting in enhanced warehouse efficiency
- Successfully picked up furniture and props from 11 different prop houses in under 8 hours

Equipment: Scissor Lift, Boom Lift, Forklift, Power Tools

Skills: SolidWorks, MatLab, Adobe Creative Suit