

John Eckart

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EDUCATION

Arizona State University, Tempe, AZ
Bachelor of Science in Aeronautical Engineering
Minor in Business / Entrepreneurship
GPA: 3.4

Graduation Expected May 2028

PROFESSIONAL EXPERIENCE

The Home Depot — Tool Rental Associate, Mesa, AZ

Mar 2026 – Sep 2026

- Worked in tool rental, both maintaining tools and testing them.
- Provided customer service and checked tools in and out.

SMS Intl Shore Operations Inc. — Deckhand & Customer Service Rep, Seattle, WA

Summer 2025

- Embarked and disembarked 10,000+ Alaska cruise line passengers per shift for Princess & Holland America.
- Performed passport control and check-in, disabled passenger assistance, ticketing customer service, and baggage handling.

Household Nanny — Moriarty Family, Seattle, WA

After-school & Summers, 2023 – 2025

- Managed daily childcare, scheduling, transportation, errands, tutoring, and household organization.
- Maintained a safe, calm, and positive environment for 3 K–8 school-aged children.

LEADERSHIP EXPERIENCE

3D Design & Printing Services — Self-employed

Dec 2022 – Present

- Design and fabricate 3D-printed items using CAD, 3D printers, and laser cutters.
- Sold to over 100 customers, including airplane parts, hardware, acting props, plumbing parts, and novelties.

Upward Creative Media — Self-employed

Apr 2023 – Present

- Provide licensed aerial drone HD video and still photography for business marketing.
- Operate in full compliance with all FAA drone regulations.

ASU Sun Devils Drone Club — Flight Team Captain

Sep 2024 – Sep 2026

- Captain of flight days and flight safety
- Provided mentorship to people new to the club educating how to build and fly drones

LICENSE/ACTIVITIES

- FAA Part 107 Remote (Aerial Drone) Pilot License — Jun 2023.
- FAA Private Pilot License — in work (self-funded): 33 flight hours; all solo cross-country and written exam complete.
- FIRST Robotics: HS varsity letter (4 years); Team Driver (3 years); competed at 2023 Worlds.
- Experimental Aircraft Association (EAA) since 2023.
- American Institute of Aeronautics and Astronautics (AIAA) since 2025.
- National Association of Rocketry (NAR) since 2021.
- Sun Devil Rocketry — Liquid Rocket Propulsion
- Air Devils RC Plane — Structures Engineer

SKILLS

- 3D Printing (Creality, Bambu Lab, Prusa).
- CAD Software (SolidWorks, Fusion 360, Onshape).
- Code Experience (MATLAB, C++, Python, Excel).
- Electronic circuits & silver soldering.
- Composites and Carbon fiber layup.
- MiG welding competency (since 2017).
- CNC machining and laser cutting.