

Brad Duncan

304 E Church St., Carlsbad, NM 88220 | (575) 266-2714 | duncanbradd3@gmail.com

Education

CERTIFICATE OF COMPLETION | MAY 2022 | UTAH STATE UNIVERSITY EASTERN

- Major: Unmanned Aerial Systems
- Related coursework: Introduction to Drones and Remote Pilot License, Introductory & Intermediate Flight Labs, sUAS Maintenance, sUAS Design & Construction, Flight Principles, Aviation Weather, Aerial Photography, Remote Pilot-In-Command, Drones for Hire, Small Business Management

GRADUATE CERTIFICATE | MAY 2020 - PRESENT | UTAH STATE UNIVERSITY

- Major: Geographic Information Science
- Related coursework: GIS for Natural Resource Applications, Advanced GIS for Natural Resource Applications, Remote Sensing for Natural Resources

BACHELOR OF ARTS | APRIL 2020 | UTAH STATE UNIVERSITY

- Major: History and Anthropology
- Minor: Native American Studies
- Related coursework: GIS for Anthropology, History Capstone, History Research Methods, Historical Internship

Skills & Abilities

WRITING AND RESEARCH

- As a dual history and anthropology degree recipient, I have written two capstone essays and numerous other papers
- I have experience researching, curating, writing, and creating the necessary elements for professional publications such as digital history exhibits and academic papers
- I have helped to edit and QC several digital history exhibits in my current position at USU's library (text, metadata, digital scans, exhibit formatting, etc.)

SUAS PILOT EXPERIENCE

- The following time is logged:
 - 25+ hours with a Skydio 2
 - 75+ hours with a DJI Matrice 300
 - 4+ hours with a DJI Mavic Mini
 - 25+ hours with Fixed Wing RC planes (Horizon Hobby Aeroscout, Flite Test Sea Otter)
 - 5+ hours on the RealFlight 9.5 Simulator

OTHER

- Google Suite
- Microsoft Office

- Some QGIS experience
- ArcGIS

Experience

DRONE PILOT | FLOGISTIX, LP | SEPTEMBER 12, 2022–DECEMBER 9, 2022

- Conducted OGI and LDAR inspections for local and out of state oil and gas locations
- Processed captured flight data to create reports showing results of inspections and components requiring repair
- Maintained and updated assigned aircraft (DJI Matrice 300 RTK) to ensure airworthiness for future missions
- Created line and polygon KML files on Google Earth for flight planning
- Utilized an RTK base station for accurate location mapping for 2D and 3D renders
- Completed flight training on the Commaris Seeker with ~1 hour of flight time

OWNER/REMOTE PILOT | AFLIGHT DRONE SERVICES | APRIL 13, 2022–SEPTEMBER 11, 2022

- Provide mapping and stockpile reports for local coal mines and terminals
- Donated aerial photography and videography for local tourist sites
- Maintained Skydio 2 UAS in accordance with the manufacturer's instructions
- Participated in certification and training programs for UAS software and regulations

LIBRARY STAFF ASSISTANT | UTAH STATE UNIVERSITY | JUNE 3, 2019–JUNE 10, 2022

- Oversaw student employee hiring, onboarding, and training
- Maintained unit budget, equipment inventory, and job supplies
- Curated, researched, wrote, and published a digital history exhibit:
<http://exhibits.usu.edu/exhibits/show/uicrailroad>

ASSISTANT TEAM LEAD | CONSERVICE | SEPTEMBER 2015–DECEMBER 2018

- Gathered monthly team performance statistics to present to department leadership
- Communicated with 3rd party partners to audit invoices and schedule maintenance visits
- Worked closely with other company departments to provide timely customer service
- Graduated from a company provided leadership course taught by the CEO and others

LOT MANAGER | L&L MOTOR COMPANY | MAY 2009–AUGUST 2015

- Supervised team of porters to provide quality customer service
- Worked closely with the parts and service departments to maintain vehicles and customer satisfaction
- Exercised careful attention to detail to clean automobiles for the lot and after being sold
- Participated in company safety and administrative meetings to improve efficiency and production

References

- Upon request