

# Carson Kelly

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## **Objective**

My objective is to secure permanent employment with an Interagency Hotshot Crew. I am eager to demonstrate my abilities to operate within a team environment and contribute as a dedicated Hotshot crewmember to help ensure short and long term mission goals before, during, and after fire season. I am a graduate of Utah Valley University with a degree in Emergency Management. I have spent 5 years with the United States Forest Service working on Trail Crews, Fire Modules, and currently 2 years with Zig Zag Hotshots.

## **Strengths**

- **Team Player** - Understand role within the mission, committed to the team, ability to embrace collaboration and accountability, optimistic and future focused.
- **Motivated** - Self-disciplined with the ability to backup goals with action.
- **Leadership** - Ability to motivate self and others within a team environment, great written and verbal communication skills, good listener, humble, confident, and ability to inspire others during difficult times. Continually seek responsibility and take responsibility for actions.
- **Sawyer** - Certified Faller (B Faller) Confident in safe hazard tree strategy and tactics during felling operations, as well as saw line operations. Participated in saw cache duties, to include inventory of chainsaws, parts, and helped establish a successful system for maintaining a properly functioning cache. Worked as Saw 3 first year and Saw 1 2nd year on crew.

## **Qualifications/Certifications/Licenses**

- FFT1 - Firefighter Type 1
- Fal2 - Basic Faller
- EMT Basic - Basic Emergency Medical Technician
- ATV/UTV Certified
- Trailer Towing Certified
- First Aid Certified

## **Employment History**

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### ***Zigzag Interagency Hotshot Crew***

**Crewmember April 2021-Present**

***Position Title:*** Forestry Technician/Hotshot

***Organization:*** USFS // Region 6 // Mt. Hood National Forest

***Location:*** Zigzag Ranger District // 70220 E., HWY 26 // Zigzag, OR 97049

***Employment Dates:*** 16-AUG-2021 to Present

***Schedule:*** 40+ HRS per Week (Full Time)

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***Supervisor:*** Devin Parks; C: 541-292-6016// O: 503-622-2041- // [devin.parks@usda.gov](mailto:devin.parks@usda.gov)

***May Contact:*** Yes

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### **Summary of Experience**

- Completed FFT1 training while on crew. Valuable and relevant experience allowed for development of fire suppression skills, knowledge, and overall confidence.
- Saw Team 1 sawyer on the crew with experience conducting safe and effective chainsaw operations.
- Operated Stihl 460 and 461 chainsaws to cut complex dead snags, fire burning, and fire weakened trees, brush, and large fallen logs. Proficient in line construction with chainsaw operations on all fuel types.
- Participated in line dig as a seasonal firefighter. Understand handline construction placement, technique, strategy, and how to implement specialty needs when appropriate (cup trench, water bar, slip trench...etc.)
- Assisted and coordinated with the crew Saw Boss to maintain up-to-date chainsaw inventory of parts and maintenance, mixing of 2-stroke saw fuel, as well as managing the crew saw cache.
- Operated as an experienced Firefighter Type 1 to achieve the operational needs of the crew, such as working to achieve leader's intent without direct supervision; serving in a Lookout position; and monitoring less experienced sawyers during felling operations.
- Participated in complex ignition operations. Ability to adapt firing techniques to adjust for variations in wind, terrain, fuel loading, and rate of spread to achieve desired results.
- Experienced with constructing direct and indirect fireline as a sawyer as well as with hand tools.
- Confidently proficient employing and maintaining all job-critical fireline equipment. My proficiency includes Stihl 460 and 461 chainsaws accompanied

with 28", 32", 36" bar lengths; various hand tools such as Pulaski, rogue hoe, shovel, rhino, and combi; handheld and vehicle radios; ATV/UTVs; portable pump systems; firing equipment such as drip torch, fusee, vary pistol, and various other firing equipment.

- Adhered to the 10 Standard Fire Orders, the 18 Watch Out Situations, and LCES at all times.

### **Additional Duties**

Selected as Superintendent Truck Manager during the 2022 season. Performed daily preventative maintenance checks. Ensured readiness of vehicle supplies and inventory management.

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## ***Snow Creek Wildland Fire Module***

**Crewmember May 2020-Oct 2020**

***Position Title:*** Forestry Technician/Wildland Firefighter

***Organization:*** USFS // Region 6 // Deschutes National Forest

***Location:*** Deschutes Ranger District // 63095 Deschutes Market Rd // Bend, OR

***Employment Dates:*** 11-MAY-2020 to 10-OCT-2020

***Schedule:*** 40+ HRS per Week (Full Time)

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***Supervisor:*** Jared Nelson; C: 541-420-7659//

***May Contact:*** Yes

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### **Summary of Experience**

- I served as a crewmember with Snow Creek Wildland Fire Module. Our mission was to provide an innovative, safe, highly mobile, logistically independent, and versatile fire module with a commitment to achieving diverse fire and fuels management objectives. In addition, we worked on district as an Initial Attack hand crew. While serving, I continued to learn, develop, and sharpened the following skills:

Proficient in Wildland Fire Tactical Operations:

- Skilled at maintaining Lookouts, Communications, Escape Routes and Safety Zones (LCES).

- Skilled in various fire line construction.
- Skilled conducting burnout and blackline operations.
- Experience in the design, operation, and maintenance of fire management hydrologic systems, including pumping, hose lays, and structure protection sprinkler systems.
- Ability to independently interpret, evaluate, and implement operational action plans.
- Served as sawyer on two-person saw team

#### Point-Protection Skills:

- Skilled in structure wrapping and interface fuels reduction during ongoing incidents.
- Ability to perform structure triage.

#### Prescribed Fire:

- Skilled at ignition of prescribed fire through all complexity levels.
- Skilled in prescribed fire holding actions through all complexity levels.

#### Fire Environment Assessment Skills:

- Skilled at safely monitoring and documenting fire behavior.
- Skilled at monitoring smoke dispersal and impacts to sensitive receptors.
- Skilled at identifying and documenting fuels, slope, and aspect affecting current, and foreseeable fire behavior.
- Skilled at the collection, measurement, and documentation of live and dead fuel moisture.
- Skilled at collection and identification of fuel load data
- Ability to evaluate and document post-fire effects.
- Ability to evaluate the potential effectiveness of natural and constructed fire barriers.
- Ability to evaluate the effectiveness of fuel treatments in modifying fire behavior.

#### Backcountry Capability:

- Skilled at operating self-sufficiently for multiple days in backcountry fire environment including coordinating food, water, and anticipated equipment for extended periods.
- Skilled in the use of the minimum tool and “light hand” techniques including crosscut saw skills, leave no trace camping, and minimum impact suppression techniques (MIST).
- Ability to transport personnel and equipment using remote travel techniques.

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## ***Wilderness Trails Crew***

**Crewmember May 2017-Aug 2019**

***Position Title:*** Forestry Technician Trails Crew

***Organization:*** USFS // Ashley National Forest

***Location:*** Ashley Ranger District // 355 N Vernal Ave // Vernal, Utah

***Employment Dates:*** 16-AUG-2017 to 10-OCT-2019

***Schedule:*** 40+ HRS per Week (Full Time)

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***Supervisor:*** Rhett Burkman//; 435-781-1181 //

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***May Contact:*** Yes

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### **Summary of Experience**

- I served as a member of a trails maintenance team. I worked to maintain, repair, and build trails throughout the Ashley National Forest, Flaming Gorge National Recreation Area, and High Uintah Wilderness Trails System to ensure the protection of wildlife habitat and water quality in addition to improving access to forest trail systems and recreation areas.
- I performed a variety of outdoor assignments, which allowed the public to safely access and enjoy special places, such as trails, campgrounds, rivers and lakes. Common duties included clearing downed trees from hiking trails, identifying and removing overhead hazards, improving campground facilities and providing information about recreational opportunities.
- I oversaw routine maintenance of trails at dispersed and remote recreation sites including cleanup and naturalizing. I replaced and repaired signage as needed. I also restored backcountry campsites to natural conditions.
- I have expertise using various tools and equipment to maintain and construct trails, clear down trees from trails by chainsaw or hand saw, install water-bars, build rock walls, and move or transport personnel and equipment to project areas.
- I supervised Youth Conservation Corp workers during trail projects.
- I have experience coordinating tools & logistics for trail work
- I have knowledge of Forest Service safety and operational protocols and followed these standards while performing trail and project operations.
- I ensured all trail work was up to Forest Service specifications. I maintained accurate data on a variety of trail metrics.
- I built buck and pole fence around Colton Guard Station.

- I operated a sweco (mini excavator) and mini backhoe while building trail access roads.
- Working in remote settings, I was always focused on personal as well a co-worker safety.
- I often worked independently and as a crew member in maintenance or reconstruction of trail improvement projects.
- As a crew member I patrolled trails to ensure they were operated, used, and maintained in accordance with forest standards. I also monitored and reported on trail conditions.
- When called upon, I explained and enforced Forest rules and regulations.
- I frequently used tools such as chain saws, hand saws, axes, and hand tools, to perform basic and advanced trail maintenance.
- I maintained recreation sites, collected data, interacted with visitors, conducted recreation site inspections, and provided support where needed throughout the forest.
- I have experience writing trail reports and analyzing data.
- I safely operated ATV's, UTV's, 4X4 trucks and trailers.
- I am self-directed, highly motivated, reliable, professional, and organized. I am committed to public land stewardship and wilderness, volunteerism and service and have strong interpersonal skills. I do well working independently with little supervision.

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## ***Flaming Gorge Fire Module/Green River Interagency Fire Crew***

**Crewmember May 2017-Aug 2019**

***Position Title:*** Forestry Technician Wildland Firefighter

***Organization:*** USFS // Ashley National Forest

***Location:*** Ashley Ranger District // 355 N Vernal Ave // Vernal, Utah

***Employment Dates:*** 16-AUG-2017 to 10-OCT-2019

***Schedule:*** 40+ HRS per Week (Full Time)

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***Supervisor:*** Shawn Denowh//; C: 208-724-0827 //

***May Contact:*** Yes

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### **Summary of Experience**

- In addition to my Trails Crew job, I served as a wildland firefighter and I volunteered for fire crews when needed.

- I deployed with the Flaming Gorge Wildland Fire Module to the Swan Lake Fire, Kenai, Alaska. Our duties included manually reducing fuel loads, structure protection of national and state historically registered structures. I helped prepare developed and remote areas to withstand a fire advance should it occur. I reinforced lines using hand tools and chainsaw to keep the fire within the existing perimeter (mop up). I identified and cut fire-weakened trees that could present a hazard. In addition, I deployed with Green River Interagency Fire Crew to various fires throughout Utah.
- I am familiar with helicopter safety protocols and have experience accessing remote areas of the fire via helicopter transport.
- I have experience with helispot/helibase selection and construction meeting interagency guidelines. I can acquire and place wind indicators, fire extinguishers, landing markers, and fueling areas, etc.
- I worked in the Flaming Gorge area doing fire patrols during times of increased fire severity. We interacted with the public and educated campers about fire severity, ensured campers were following fire restriction rules, and watched for initial fire starts.
- I have experience operating and maintaining specialized equipment for wildland fire, prescribed fire, hazardous fuels mitigation and habitat manipulation operations. When unexpected breakdowns occur, I can make emergency repairs in the field or accomplish goals through other means.
- I participated in wildland fire and safety training in the techniques, practices, and methods of fire suppression and in the safe, efficient operation and use of tools, equipment, and vehicles used in fire line activities. I participated in crew proficiency checks and drills, safety sessions, and fire critiques. I ensured my own and other's welfare and safety in all aspects of the assignment.
- Using the chain of command, I maintained professional relationships with supervisors and fire managers to provide necessary updates on mission-critical information, progress on the fire line and project work, and objectives and accomplishments.
- I professionally used smartphones, email, and computers to share and gather information on wildland/prescribed fire such as; fire weather forecasts, fire danger indices, outlooks, availability of resources, situation reports, fire reports and incident organizers.

## **Education**

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***Utah Valley University***

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***Location:*** Orem, Ut

***Degree:*** Associated of Science Emergency Management. **GPA 3.6**

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***University of Utah***

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***Location:*** Salt Lake City, Ut

***Degree:*** Outdoor Recreation/ Junior/ Projected Graduation 2024

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**References**

**Cody Chiverton:** Squad Leader/ Saw Boss ZigZag Interagency Hotshot Crew// 541-973-8711 // [codychiv@gmail.com](mailto:codychiv@gmail.com)

**Devin Parks:** Superintendent ZigZag Interagency Hotshot Crew// **C: 541-292-6016//**  
**O: 503-622-2041- //** [devin.parks@usda.gov](mailto:devin.parks@usda.gov)

**Jared Nelson:** Squad Boss Snow Creek Wildland Fire Module// **C: 541-420-7659**