

Education	Colorado Mountain College , Leadville, CO	
	• Snow, Weather and Avalanche Field Technician	2017 - 2019
	Cornell University , College of Engineering, Ithaca, NY	May 2003
	Major: Mechanical and Aerospace Engineering	
	Master of Engineering	
	• Focus on Dynamics and Control	
	Bachelor of Science	June 2002
	• GPA 3.4, Dean's List Fall 1998, Spring 1998, Fall 1999, Spring 2001	
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Work Experience	SNOWMASS SKI PATROL – ASPEN, CO	Winters, 2016 - Present
	<i>Ski Patroller, Safety and Education Technician</i>	
	• Provided emergency medical response, technical rescue, and avalanche safety at Snowmass Ski area	
	• Facilitated educational experiences for local 3 rd and 5 th grade students on mountain ecology, skier safety and avalanche awareness	
	• Certified American Heart Association CPR Instructor	
	• Chosen "Rookie of the year" for 2016-2017 season.	
	RANGER, SNOWMASS BIKE PARK	Summers, 2018 - 2019
	• Provided emergency medical response and bike patrols of the Snowmass Bike Park	
	PITKIN COUNTY OPEN SPACE AND TRAILS – ASPEN, CO	Summers, 2016 - 2017
	<i>Ranger</i>	
	Patrolled trails on foot and mountain bike to provide emergency response, trail user assistance and code enforcement on Pitkin County Open Space trails and properties	
	CHALLENGE ASPEN AND ASPEN SKIING COMPANY – ASPEN, CO	Winters, 2008 - 2016
	<i>Alpine and Adaptive Ski Instructor</i>	
	• Conducted ski lessons for adults and children with both cognitive and physical disabilities	
	• Achieved Professional Ski Instructors of America (PSIA) certification of Alpine Level 3, Adaptive Level 3, and Children Specialist 2	
	<i>Adaptive Snowsports Manager, Winter 2010-2011</i>	
	• Managed 25 Adaptive ski instructors, 6 interns and 10 Volunteers, overseeing program safety for staff and participants	
	• Developed training and team building activities and conducted performance reviews	
	INNOVEERING, LLC – NEW YORK	2011 – Present
	<i>Advanced Systems Engineer</i>	
	• Created data and control systems for truck based, high pressure combustion system	
	MOUNTAIN TRIP AND TELLURIDE ADAPTIVE SPORTS – ALASKA	Summers 2010 – 2012
	<i>Mountain Guide</i>	
	• July 2010 – Adaptive Expedition to the Pika Glacier ("Little Switzerland")	
	• June 2011 – Adaptive Expedition to the Eldridge Glacier, attempted to climb unnamed peak	
	• July 2012 – Attempted climb of Denali (Mt. McKinley) with 6 wounded warriors – 5 single or double leg amputees	
	ATK – GASL (GENERAL APPLIED SCIENCE LABORATORIES) – RONKONKOMA, NY	2005 -2011
	<i>Engineer, Advanced Concepts Group</i>	
	• Directed test teams at advanced hypersonic, high enthalpy, wind tunnel facility	
	• Developed and fabricated Micro Valve technology	
	CAYUGA HEIGHTS FIRE DEPARTMENT – ITHACA, NY	September 2000 – June 2003
	<i>Firefighter and Emergency Medical Technician</i>	
	• Provided fire response, rescue and extrication, and emergency medical care.	
	• Participated in frequent fire and rescue training. Led rope systems training for 15 firefighters.	
	• Responsible for maintenance and upkeep of fire station facility and apparatus.	
	• Awarded "Diehard Award" by the Chief of Department and "Rescue Directors Award" in 2003 for service above and beyond the call of duty.	
References	<i>Available on request</i>	