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JAMES PELTON

OBJECTIVE Spotted Owl Research Assistant position for the summer.

EDUCATION Humboldt State University (HSU), Arcata, CA
B.S. degree, **Environmental Science Wilderness Conservation**, to be awarded May 2008
Minor: **Forestry**

FIELD WORK Redwood National Park Orick, CA
Biological Science Technician (Fire Effects Monitor) May 2007-Sept. 2007
Established and sampled vegetation plots following prescribed or FMH protocols in varying ecosystems according. Utilized dichotomous keys for identification, collected, and cataloged plant species, entered and routinely quality-checked data into specialized software. Operated as member of four-person ignitions team requiring strong communication skills, attentiveness, and ability to follow specific directions for prescribed burn in Redwood National Park. Utilized expert knowledge of operation of GPS (Garmin) and digital cameras for the documentation of sampled sites. Orienteered using hand compass, aerial photos, topographic maps, and GPS to locate permanent plots.

Humboldt State University Arcata, CA
Research Assistant Nov. 2006-Mar. 2007
Effectively used GPS, clinometer, laser range finder, prism and diameter tape. Orienteered by hand and staff compass, topographic and/or aerial photos to locate permanent plots over rugged terrain on a systematic grid. Evaluated forest restoration thinning prescriptions in Humboldt Redwoods State Park. Felled trees for growth ring analysis. Collected data in remote backcountry locations accessed by walking over rugged terrain.

Humboldt State University Arcata, CA
Research Assistant May 2006-Aug. 2006
Inventoried vegetation of temporary plots for the creation of a final HSU Schatz Tree Farm Vegetation Map. Utilized GPS (Trimble), clinometer, and laser range finder for field measurements. Orienteered by hand compass, topographic and/or aerial photos to locate temporary plots over rugged terrain.

TEAMWORK Campus Center for Appropriate Technology HSU Arcata, CA
Project Manager Jan 2006-Present
Oversaw up to 30 Humboldt State University student projects per semester. Liaisoned between CCAT Co-Directors, professors and students. Provided assistance, mentorship and encouragement, in the design, oversight and completion of student class projects and CCAT employee projects.

OTHER Seasonal work has included jobs as field crew member, maintenance employee, and fire fighter.

CERTIFICATIONS Defensive Driving Training • Red Cross CPR • Red Cross Standard First Aid

INTERESTS Running: Team Captain of HSU Cross Country and Track and Field Teams. Three-time qualifier DII National Championships. 2006 DII Track Steeplechase All-American (8th in the nation).
Backpacking: Multiple weeklong cross country backpacking trips in the Lost Coast, Trinity Alps, and Mokelumne Wilderness. Ascended Mt. Shasta's 14,179 ft summit in just under 4 hours.
Photography: Exhibited natural and urban setting prints in San Francisco's Southern Exposure Gallery.

COMPUTER Proficient in Microsoft Windows operating system and programs including: MSWord, MSEXcel, ArcGIS and MSPowerpoint.