

David Nilsen

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Objective: Seeking an opportunity to be employed as a GIS Analyst

Highlight of Qualifications

- BAS in Forest Resource Management
 - Double Major: Sampling and Assessment; Forestry Operations
- AAS in Natural Resources-GIS
- AAS in Natural Resources-Forestry
- Certificates of Training from ESRI ArcGIS
- Proficient computer skills in Windows and Mac operating systems
- Proficient in Microsoft Office and Apple Office software
- Web Development: HTML, CSS, JavaScript
- Proficient in Garmin handheld GPS and SkyPro GPS units
- Proficient in Interpreting and georeferencing aerial photos
- Avionics Technician for the AV-88 aircraft in the United States Marine Corps

GIS Experience

- Watershed Analysis and Stream Typing from LiDAR DEMs
- Creating Geodatabases, points, line, polygons, shapefiles
- Raster analysis
- Georeferencing of aerial photos
- Creating web maps and web apps with ArcGIS Online
- Digitizing map features
- Use data collected from GPS units to be added to maps and geodatabases
- Navigation with Garmin 64 handheld GPS
- Navigation with SkyPro 150 synced with smartphone and tablet
- Data points, lines and polygons collected on GPS units
- Preload custom maps on GPS and mobile devices
- Download data collected on GPS units
- Model Builder

LiDAR Analysis

- Watershed delineation
- Stream typing
- Wetlands
- Slopes and Aspect
- Field Reconnaissance
- Creating contours from DEM

Field Data Collection

- Timber cruising
- Plot analysis
- Tree stand appraisal
- Forest management
- Restoration sites
- Wildlife presence and identification
- Tree stocking
- Invasive species management
- Trail assessment
- UAV mapping

Maintenance and construction

- Trouble shooting components of machines
- Repaired and replaced motors and components on machines
- Light fabrication of parts and tools
- Proficient in use of hand tools
- Residential Electrician Apprentice
- Residential Plumber Apprentice
- Worked under a General Contractor doing home remodels
- Asphalt paving Team Leader on road crew

INTERNSHIPS & Capstone Project

Veterans Conservation Corps

Covington, WA

- Invasive species removal

Washington State Parks

Dash Point State Park, WA

- Trail map update, trail maintenance assessment, and first responder map

EDUCATION

Green River College

Auburn, WA

- BAS in Forest Resource Management--August 2019
 - Sampling and Assessment
 - Forestry Operations
- AAS in Natural Resources-Geographic Info Systems -June 2019
- AAS in Natural Resources-Forestry -March 2018

U.S. Marine Corps

- Introductory Military Training, Advanced Weapons Training, Avionics: Communications, Navigation, Weapons System for the AV-88 aircraft, Leadership, Communication, Diversity - November 2007

EMPLOYMENT

The Sourcing Group	Colfax, CA	Warehouse Supervisor
Industrial Solutions	Auburn, CA	Assistant Warehouse Manager
MillerCoors/Crispin	Colfax, CA	Cellar Worker/Brewer
U.S. Marine Corps	Cherry Point, NC	Avionics Technician
Lowes	Kent, WA	Department Manager
Rayco Electric, Inc.	Rancho Cordova, CA	Residential Electrician's Apprentice
Swartz Construction	Colfax, CA	Team Lead
Camp Alta	Alta, CA	Groundskeeper and Maintenance