

AMANDA STERN

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I am a full-stack Software Engineer with a background in Project Management for the United States Air Force and in SQL Database Management for the Bureau of Land Management.

SKILLS

JavaScript, HTML, CSS, Python, Express, React, Django, Mongoose, MongoDB, PostgreSQL, SQL, Docker, team leadership, logistics management, risk management, project management, design, public speaking

WORK EXPERIENCE

Software Engineering Immersive Fellow, General Assembly, NYC, NY, Aug 2022 – Nov 2022

- Developed MERN and MEN stack projects utilizing JavaScript, HTML, CSS, Python, Express, React, Django, Mongoose, MongoDB, PostgreSQL, SQL, and Docker
- Projects and descriptions found on portfolio and GitHub

Bureau of Land Management Park Ranger, Miles City Field Office, MT, Apr 2021 – Nov 2021

- Utilized GIS Software, Arc Pro Databases, SQL, to plot data, create maps using ArcGIS Pro
- Mitigated risk by 95% through rapid dispatch of 12+ drivers and resources across active wildfire as lead Equipment Manager
- Maintained fleet vehicles & patrolled/maintained Wilderness Study Areas, dispersed recreation sites

Bureau of Land Management Park Ranger, Little Snake Field Office, CO, Jun 2020 - Nov 2020

- Utilized Trimble GPS & GIS Software to plot data & create maps using ArcGIS
- Mitigated fire risk by 100% on 200,000+ acre active wildfire through swift dispatch of 20+ drivers, 25+ vehicles & critical supplies
- Coordinated efforts between Logistics, Supply & Ground Support on Incident Command Post (ICP)

U.S. Air Force Captain, Global Positioning Systems Test/Fielding Team Lead, May 2016-Oct 2018

- Managed integrated product team in planning & execution of formal qualification testing for satellite software command/control program
- Reported metrics on development status, risk/opportunity management in program management reviews
- Collaborated with external stakeholders for schedule development & test asset/resource sharing
- Reviewed contract proposals, supported team contract negotiations & awards, oversaw contract modifications

U.S. Air Force Lieutenant, Air Traffic Management Project Manager, Sept 2012-May 2016

- Reviewed technical specifications & requirements for military compliance with Federal Aviation Administration standards
- Authored justification/analyses to award sole-source contracts for military-specific cockpit software & hardware applications
- Managed engineering team to develop software for automating flight strip printing at bases in Korea
- Collaborated with legal, finance & contracting teams to ensure program compliance with Federal Acquisition Regulations

EDUCATION/CERTIFICATIONS

- **General Assembly**, Software Engineering Immersive Certificate, 2022 // 12-Week Immersive
- **Cornell University**, Bachelor of Science, 2012 // Animal Science & Communications Double Major
- **Federal Park Ranger Red Card**, Equipment Manager(Q), Expanded Dispatch Recorder(T), Driver(Q)
- **National Outdoor Leadership School Wilderness and Medicine Rescue Semester**, Sept-Dec 2018
National Registry of Emergency Medical Technicians (NREMT) current license through March 2023
90-day leadership wilderness expedition through Utah Canyons, Wyoming backcountry
High Angle Rock Rescue, Avalanche Level 1, Leave No Trace Master Educator Certification