

## AMANDA STERN

[amanda.stern.73@gmail.com](mailto:amanda.stern.73@gmail.com) // Boston, MA // [GitHub](#) // [LinkedIn](#) // [Portfolio](#)

I am a full-stack Software Engineer with a background in Project Management as a Captain in the United States Air Force and in SQL Database Management as a Park Ranger in 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