

AMANDA STERN

Photographer // Software Developer // UX UI Designer

[Photography Portfolio](#)

[Tech Portfolio](#)

I am a freelance Professional Photographer, full-time remote Software Developer and UX/UI Designer with a professional background in Project Management as an Officer in the U.S. Air Force and as a Federal Park Ranger.

SKILLS

Adobe Creative Suite (Photoshop, LightRoom, Illustrator, InDesign, DreamWeaver), Figma, UX/UI Design, React.js, JavaScript, HTML5, CSS3, PHP, Python, Express, MongoDB, PostgreSQL, SQL, DBEaver, Docker, Jira, Git, Gitlab, Github, risk management, project management, communication skills -- MERN Stack, LAMP Stack

FEATURED SOFTWARE PROJECTS

YELPCamp - MongoDB, Express JS, Node JS, JavaScript, CSS, mapbox - Secure app to find & review campgrounds

LAMdb - MongoDB, Express JS, React, Node JS, PassportAuth, JavaScript, CSS - Secure app to manage vet records

Rock Collector - Django, Docker, Python, JWT Auth, CSS - Secure app to collect rocks & frogs

Rock & Ice - MongoDB, Express JS, Node JS, GoogleOAuth, JavaScript, CSS - Secure climbing community app

WORK EXPERIENCE

Software Development & Project Manager, NephriaBio, Remote, November 2023-Present

- Manage development team for Canadian and U.S. websites, coordinate legal review & translation to French
- Manage UX/UI design for biomedical product branding & marketing materials

Full Stack Software Developer, Cabem Technologies, Remote, April 2023 - November 2023

- Tech: LAMP Stack, React, React-Redux, Javascript, HTML, SCSS, PHP, DBEaver, SQL, Gitlab, Git, Jira
- Client-interfacing role to develop, demo & deliver on requirements
- Define ticket requirements, develop and move tickets across all phases of software development lifecycle
- Define ticket test plans in accordance with standards for Quality Assurance testing
- Agile development & workflow processes, Merge Requests & code reviews, status reporting

Software Engineering Immersive Fellow, General Assembly, Remote, Aug 2022 – Nov 2022

- Developed MERN and MEN stack applications & professional websites utilizing JavaScript, HTML5, CSS3, Python, React, Node, Express, Bootstrap frameworks, Django, Mongoose, MongoDB, PostgreSQL, Docker

Bureau of Land Management Park Ranger, Various Locations, June 2019 – Nov 2021

- Utilized GIS Software, Trimble User Equipment, Arc Pro, and SQL Databases to plot field data, created 60+ maps using ArcGIS Pro, installed 200+ backcountry signs for route navigation & location identification
- Mitigated risk by 100% through rapid dispatch of 32+ drivers, 25+ vehicles, critical supplies and resources across active 200,000+ acre wildfire and 100,000+ acre wildfire as lead Equipment Manager
- Maintained 8 fleet vehicles, patrolled & maintained 6 Wilderness Study Areas, 25 dispersed recreation sites
- Organized efforts between Logistics, Supply & Ground Support on wildfire Incident Command Post (ICP)

U.S. Air Force Captain, Global Positioning Systems Test/Fielding Team Lead, Sep 2012-Oct 2018

- Managed 22+ person engineering team in planning & execution of formal qualification testing for \$175million satellite software command/control program
- Reported development status metrics, risk/opportunity management in program management reviews
- Coordinated with 32+ internal & external stakeholder organizations for 2+ year schedule development & test asset/resource sharing
- Reviewed 25+ contract proposals, supported team contract negotiations & awards, oversaw contract modifications, verified technical specifications & requirements for military compliance with FAA standards
- Collaborated with legal, finance & contracting integrated teams to ensure Federal Acquisition Reg. compliance

EDUCATION/CERTIFICATIONS

- **University of Portland Pamplin School of Business**, MBA, beginning fall 2024
- **Digital Workshop Center**, UX/UI Design Immersive Certificate (with Adobe Creative Suite)
- **General Assembly**, Software Engineering Immersive Certificate
- **Udemy**, Web Developer Bootcamp Certificate
- **Cornell University**, Bachelor of Science, Animal Science & Communications Double Major