NATE LOVE

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EDUCATION

MS Computer Science	The University of Texas at Austin	Expected December 2026
BS in Electrical Engineering	The University of Texas at Austin	May 2022

SKILLS

Clearance: Secret (Top Secret/SCI Eligible)

Languages: C, C++, Assembly, Python, HTML, JS, CSS

Technical Skills: Git/Github, Jira, Linux, Pandas, AWS, PyTorch, Neural Networks, DynamoDB, React, Flask, Beautiful Soup

Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

US Army, Various locations

Special Projects Manager   Nov 2023 – Present

Team lead for projects outside of the normal scope of the organization, requested by President, Vice President, and COO.

- Authored and successfully submitted a $1.5M procurement request for advanced communication and vehicle maintenance equipment, resulting in an increase in operational efficiency and reducing communication downtime
- Planned and executed 5 major unit events; each hosting 500+ soldiers and families, raising $7.5k+, and increasing morale and unit readiness
- Rated in the top 25% of all Officers as a "leader of leaders" in our unit by President of organization; awarded the Army Commendation medal for personal achievement and leadership
- Mentored and trained all new officers coming to the unit, leveraging my experience in the unit after being here for a year and a half

Operations and Planning Manager   Mar 2023 – Nov 2023

Strategic and operational planner for Battalion of 500+ soldiers and 50+ pieces of equipment worth more than $100M

- Developed and successfully executed 3 full scale annual training events that included 1000+ soldiers, 100,000 rounds of ammunition worth $1M+, and covered 200,000 acres of land
- Spearheaded and coordinated development of new warfighting tasking system, inspire by Agile, to increase product output, allowing for more efficient planning and preparation
- Resourced and coordinated 3-month deployment exercise consisting of 400 soldiers, 40+ combat vehicles, 2000+ pieces of combat equipment, and $200,000 worth of repair parts to facilitate continual readiness
- Managed $1.5M + worth of unit property and coordinated turn in of excess and broken equipment, resulting in $500k+ savings

Team Leader   May 2022 – Mar 2023

Leader of a group of 22 Officers and Soldiers, ensuring effective execution of missions, training, and operations.

- Developed and implemented new maintenance management process of 4 Abrams tank valued at over $100M total, resulting in the highest vehicle readiness rate in the unit at 92%
- Commended for exceptional leadership and tactical proficiency by developing and implementing training schedules including simulations, after-action reviews, and crew drills to increase platoons shooting scores by over 30%
- Ensured safety of all personnel while operating in a fast-pace austere environment; maintained a 100% safety record with no major injuries or negligent equipment loss

PERSONAL PROJECTS

Convolutional Neural Network for Predicting Football Game Outcomes   Fall 2023- Present

- Created a database of parameters from NFL games using beautiful soup and pandas
- Collaborated on design of deep learning model using PyTorch and a Convolutional Neural Network to predict results of NFL games across a season

Family Recipe Digitization and Website   Spring 2024- Present

- Manually digitizing over a century of family recipes into a structured database organized by type, ingredient and origin in Python
- Building responsive family website using HTML, CSS, and JavaScript to allow family members to view and add recipes

INTERESTS

Running, Climbing, Backpacking, Golf, Fantasy Sports, Chess, Texas Longhorns