Nate Love

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# EDUCATION

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| --- | --- | --- |
| **MS Computer Science**  **BS in Electrical Engineering** | The University of Texas at Austin  The University of Texas at Austin | Expected December 2026  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