VASISHTA MALISETTY

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EDUCATION

Northeastern University April 2026 (Expected)
Honors Program: Bachelor of Science, Computer Engineering **GPA**: 3.964/4.0

EXPERIENCE

Rite Aid June 2023—Present
Data Security Intern Hopkinton, MA

- Conducted 915 Atomic Red Team tests using the Invoke-Atomic framework, generating threat intelligence reports on telemetry recieved from CrowdStrike Falcon
- Uploaded 532 unidentified IoCs to the Anomali ThreatStream Database by parsing threat intelligence reports on multiple Ransomware groups
- Collaborated with Security Engineering team in weekly meetings to provide updates to clients and troubleshoot ongoing issues

NUCAR Laboratory Apr. 2022—Present
Research Assistant Boston, MA

- Profiled GNN workloads on NVIDIA GPUs using the PyTorch Geometric Library and Tensor Board
- Developed parallel programming skills and applied them to complete training assignments utilizing CUDA

Enabling Engineering Sept. 2022—Present
Design Team Member Boston, MA

- Secured project mentorship by creating and presenting UI design for American Sign Language Translator app using Figma
- Created an accessible drumset for a disabled client by developing C++ code and designing CAD files using Arduino IDE and SOLIDWORKS

PROJECTS

AI Chess Engine Apr. 2023—June 2023

- Designed a robust Chess AI utilizing the Pygame library, enabling players to challenge the AI program
- Achieved 1000 USCF ELO rating on Chess.com

Arduino Sonar System Sept. 2022—Dec. 2022

- Created a sonar UI utilizing MATLAB and Arduino Uno, achieving 100% accuracy in displaying object positioning to users
- Prototyped an interactive museum exhibit using SOLIDWORKS, earning a 17% higher presentation score than the class average at Northeastern's First-Year Engineering Expo

SKILLS

Programming	Python, C++, MATLAB, Java, C, JavaScript, Parallel Programming
Software/Tools	Linux, Git, HTML/CSS, SOLIDWORKS, AutoCAD
Frameworks/Packages	CUDA, React, Django, numpy, matplotlib, pandas, PyTorch Geometric
Hardware	Arduino, DE1-SoC FPGA