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 Red Canary Atomic Red Team Tests, generating comprehensive reports on alerts and telemetry utilizing the CrowdStrike Falcon platform
- Uploaded 532 unidentified IoCs to the Anomali Database by parsing threat intelligence reports on multiple Ransomware groups and developing Regex for the Io
- Collaborated with Security Engineering team in weekly meetings to provide updates 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 and compete against the computer
- Achieved 1000 USCF ELO rating on Chess.com

Arduino Sonar System Sept. 2022—Dec. 2022

- Developed MATLAB code integrated with Arduino Uno to create a graphical UI for sonar object positioning display.
- Assembled an interactive museum exhibit using SOLIDWORKS; co-authored 92-page Technical Report documenting the project's design process and results

SKILLS

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