

# VASISHTA MALISETTY

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## EDUCATION

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

## EXPERIENCE

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**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

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**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 graphical UI for sonar object positioning display utilizing MATLAB code integrated with Arduino Uno
- Prototyped an interactive museum exhibit using SOLIDWORKS and presented to Northeastern's First-Year Engineering Expo

## SKILLS

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