

VASISHTA MALISETTY

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EDUCATION

Northeastern University

Honors Program: Bachelor of Science, Computer Engineering

April 2026 (Expected)

GPA: 3.964/4.0

EXPERIENCE

Rite Aid

Data Security Intern

June 2023—Present

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 IoCs
- Collaborated with Security Engineering team in weekly meetings to provide updates and troubleshoot ongoing issues

NUCAR Laboratory

Research Assistant

Apr. 2022—Present

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

Design Team Member

Sept. 2022—Present

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

Software/Tools

Frameworks/Packages

Python, C++, MATLAB, Java, C, JavaScript, Parallel Programming

Linux, Git, HTML/CSS, SOLIDWORKS, AutoCAD,

CUDA, React, Django, numpy, matplotlib, pandas, PyTorch Geometric