

Nina Gadelha

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Professional Summary

Cybersecurity Engineering student at Iowa State University with hands-on experience in building processors, software development and vulnerability analysis. Skilled in multiple programming languages with strong problem-solving and teamwork abilities. Seeking cybersecurity/engineering internship experience.

Education

Iowa State University, Ames, IA

May 2026

Bachelor of Science in Cyber Security Engineering; College of Engineering

Major: Cyber Security and Engineering

GPA: 3.38

University of Iowa, Iowa City, IA

August 2021-May 2023

Major: Computer Science and Engineering

Relevant Coursework

- Computer Organization and Assembly Level Programming
- Software Development Practices
- Cybersecurity Concepts and Tools
- Embedded Systems
- Introduction to Data Structures

Relevant Projects

Building Processors: Single-Cycle, Software Scheduled and Hardware Scheduled

January-May 2025

- Designed and integrated processor subcomponents in Assembly
- Verified processor's functionality with custom test cases
- Debugged subcomponents and processor using waveform analysis
- Worked with a partner, split responsibilities and produced desired results by deadlines

Software Application Development: Bargain-Buddy

August-December 2024

- Developed front-end features for a mobile app in Android Studios
- Integrated with back-end services to meet milestone requirements
- Collaborated in a 4-person team to design, build and present a functional prototype under strict deadlines

Cyber Security Fundamentals Final Project

January-May 2024

- Identified several vulnerabilities and weaknesses in a provided virtual machine
- Fixed or provided possible fixes for all vulnerabilities discovered
- Explained the possible exploits that could be executed from reported weaknesses

Additional Experience

Warehouse Associate Supervisor: Prime Products LLC

August 2023-Current

- Practices a meticulous approach to inventory management and quality control, ensuring accuracy in order fulfillment and minimizing errors
- Demonstrates ability to identify inefficiencies in processes and implement effective solutions, increasing overall yield in the packaging/shipment process
- Manages multiple tasks simultaneously in a fast-paced environment, prioritizing responsibilities to meet tight deadlines without compromising quality

Technical Skills

- Programming: Java, C++, Python and Assembly
- Tools/Environments: Linux (terminal), C-lion, Android Studios, Eclipse and Visual Studio Code
- Other: Virtual Machines, Microsoft Office