

# Kayla Nelson

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## EDUCATION

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### Georgia State University

Atlanta, Georgia

B.S. in Computer Science

Expected Graduation, May 2025

- **Concentrations:** Cybersecurity
- **GPA:** 3.39/4.00, *Dean's List (Fall 2022)*
- **Related Coursework:** Principles of Computer Science I, Principles of Computer Science II, Data Structures, Computer Org & Programming, System Level Programming, Operating Systems, Software Development, Fundamentals of Cybersecurity
- **Cohorts:** RISE in Computing Scholars (Spring 2024)

## CERTIFICATIONS

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### Google Career Cybersecurity Certificate

Remote

Topics:

Oct 2023 - Nov 2023

- Foundations of Cybersecurity, Assets Threats and Vulnerability, Networks and Network Security
- Linux and SQL, Manage Security Risks, Detection and Response, Automate Cybersecurity Tasks in Python

### ISC2 Certified in Cybersecurity

Remote

Topics:

November 2023

- Security Principles, Incident Response and Business Continuity and Disaster Recovery, Access Controls
- Network Security, Security Operations

### CodePath Intro to Cybersecurity

Remote

Topics:

Sept 2023 - Nov 2023

- Identity and Access Management, Network Security, Cryptography

## EXPERIENCE

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### Publix Supermarkets Inc

Atlanta, Georgia

Customer Service Staff

July 2019 – Present

- Oversee a team and delegate tasks to ensure a timely and effective work day
- Help customers have a satisfactory experience by being approachable, understanding and helpful
- Maintain asset accountability while handling large money service transactions

### CodePath

Remote

Cybersecurity Tech Fellow

Jan 2024 – April 2024

- Mentor 5 breakout groups of students and assisted them with understanding topics such as Cryptography, OSINT and Network Protocol
- Provide prompt guidance to students on Slack and assist with over 95% of their questions and concerns

## PROJECTS

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### Password Crack-A-Thon

Remote

Creator

September 2023

- Used Linux to run John The Ripper and use the John command to create original rulesets and custom masks to crack 900 passwords from various wordlists

### Exploitation

Remote

Creator

October 2023

- Explored Metasploitable in Linux by obtaining all possibly open ports and run commands to find a backdoor and hack Metasploitable to locate vulnerabilities

### Threat Analysis

Remote

Creator

November 2023

- Checked various IP addresses for vulnerabilities and analyzed the returned JSON data to determine the risk level of the Common Vulnerabilities and Exposures

## SKILLS

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**Programming:** Python, Java, C, SQL, Unix, Linux, HTML, CSS

**Tools:** Jupyter Notebooks, DBeaver, MS Word, MS Powerpoint, MS Excel