

Nicholas Alpert

Computer Scientist

Enthusiastic junior pursuing a Bachelor of Science in Computer Science, seeking an IT internship with a focus on cybersecurity or system administration to apply and expand my technical skills while contributing to the success of an organization.

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<https://github.com/alpert78>

EXPERIENCE

Rowan University, Glassboro, NJ

Computer Lab Manager

September 2022 – May 2023, September 2023 – Present

- Demonstrated strong leadership and organizational skills by effectively managing a tech lab, ensuring smooth operations
- Collaborated with a team to troubleshoot hardware and software issues, providing technical support to lab users
- Assisted in the maintenance of computers, Raspberry Pis, 3D printers, and ensured optimal functionality
- Led a project for the Computer Science Department to create an LED light show using a Raspberry Pi, LED light strip, and a Python program

ACME, Yardville, NJ

Retail Associate

Summer of 2022, 2023

- Developed excellent customer service and communication skills by assisting customers and handling various responsibilities in a busy retail environment.
- Demonstrated reliability and teamwork, by working effectively with colleagues to meet store objectives.

PROJECTS

- SAT Equation Brute Force Solver
 - Uses a brute force algorithm to solve SAT equations
 - Skills: Java
 - <https://github.com/alpert78/DAAProjects/tree/master/src/main/java/bruteforceproject>
- Sudoku Solver
 - Uses Sat4J to solve a Sudoku puzzle of size $n \times n$
 - Skills: Java
 - <https://github.com/alpert78/DAAProjects/tree/master/src/main/java/sudokusolver>
- Portfolio Website
 - Skills: HTML, CSS, JavaScript
 - <https://alpert78.github.io/portfolioSite/>

SKILLS

PROGRAMMING LANGUAGES

Java
HTML/CSS
Experience with: Python, JavaScript, C, Scheme, and Ada, Prolog, Ruby, SQL

RELEVANT COURSES

Object Oriented Programming
Data Structures and Algorithms
Cybersecurity
Databases

Certifications in Progress

CompTIA Security+ and
Network+, Google IT Support
Professional

SOFTWARE/APPLICATIONS

Visual Studio Code (VsCode)
IntelliJ
Git / GitHub
VirtualBox
Windows/Linux(Kali/Ubuntu)
Microsoft Office Suite

EDUCATION

Rowan University

Bachelor of Science in
Computer Science

September, 2021 – May
2025

- Awards: Undergraduate Dean's List (Fall 2021, Spring 2022, Fall 2022), The President's Scholars of Excellence (Spring 2023)