# Keegan Wooding

## Software Engineer Intern

*Third-year student with five semesters of software development experience*

## Contact Info

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in keegan-wooding

## Skills

*Languages*
Java
Python/NumPy
C/C++ | SQL
Linux/Bash | Kali Linux

*Technologies*
AWS
Visual Studio Code
Unity

*Other*
Team-Work
Time Management
Problem-Solving

## Coursework

Data Structures

Algorithms

Recursion

Operating Systems

Computer Networks

Binary Search Trees

Computer Architecture

## Education

**New Jersey Institute of Technology**
B.S. Computer Science
*May 2026  •  GPA: 3.78 / 4.0*

*Member of Swimming and Diving Team - NCAA Division I*

## Experience

**Monroe County Parks**
*Lifeguard Lieutenant*
Rochester, NY • *June 2020 - August 2024*

- Began as a standard lifeguard before being promoted to lieutenant
- Directed and trained a team of 20+ lifeguards, ensuring proficiency in various lifesaving techniques and protocols.
- Lead regular training sessions to ensure that lifeguards possessed necessary skills
- Oversaw the accurate completion of legal documentation during emergency incidents, upholding legal standards.
- Served as a key link between management and lifeguard staff, communicating operational updates and directives.

## Projects

**Round Robin Scheduler**
*December 2024*

Worked in a team with two other members to build a Round Robin Scheduling Algorithm Similar to one used in an Operating System. Took in processes from a server and ran them until the process queue was empty. Completed in Python

**Binary Search Tree Iterator**
*December 2023*

Created a program that could iterate through a binary search tree. This program also implemented recursive programs that could search, insert, and remove elements in and out of the binary search tree. Completed in Java.