

# Haider Ali

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**OBJECTIVE:** Obtain an internship or full-time summer position in the Software Engineering field.

**EDUCATION:** Rutgers University, New Brunswick, New Jersey  
Bachelor of Science in Computer Science  
GPA 3.5/4.0 Expected graduation date: May 2024

## RELEVANT COURSES:

- |                             |                                 |  |
|-----------------------------|---------------------------------|--|
| • Intro to Computer Science | • Computer Architecture         | • Design and Analysis of Computer Algorithms |
| • Data Structures           | • Computer Organization         | • Software Methodology                       |
| • Discrete Structures       | • Concepts of Operating Systems | • Principles of Programming Languages        |

## PROJECTS:

**Conway Game of Life** September 2022 - October 2022

- Individual school project to develop an algorithm to imitate Conway's Game of Life.
- Implemented a hash-table data structure to efficiently store data, and used display API for users to interact with object models visually.

**Huffman Coding** October 2022 - November 2022

- Individual school project to develop a program to reduce file space consumption.
- Implemented a Huffman compression algorithm from the ground up, which effectively reduces saved file size up to 60% compared to the original size.

## EXPERIENCE:

**L3Harris Technologies - Rochester, NY** Product Management Intern May 2023 — Present

- Conducted comprehensive market research to identify trends and opportunities in the aerospace and defense industry, informing the development of product requirements and roadmaps.
- Collaborated with cross-functional teams including engineering, sales, and marketing to define product specifications, develop go-to-market strategies, and ensure successful product launches that met customer needs and business objectives.

**Hudson Catholic Private School, Jersey City, NJ** IT Consultant September 2022 — Present

- Engaged in and oversaw the governance of the institution's technological systems, from maintenance of digital infrastructure to the overall functionality of digital systems.
- Responsible for resolving clients' issues regarding connectivity to school services, diagnosing hardware/networking issues, and advising clients on device troubleshooting.

## LEADERSHIP:

**L3Harris Technologies** Product Manager September 2022 — Present

- Led cross-functional teams to develop and launch successful products in the aerospace and defense industry, overseeing the entire product lifecycle from ideation to post-launch support.

**INROADS** Member September 2022 — Present

- Collaborated with corporate partners to identify and develop internship opportunities, promoting diversity and inclusion in the workplace while delivering measurable value to partner organizations.

## ACTIVITIES/AWARDS:

- |                              |        |                                |
|------------------------------|--------|--------------------------------|
| • INROADS                    | Member | December 2023 — Present        |
| • Real Estate Club           | Member | September 2020 — Present       |
| • Muslim Student Association | Member | September 2020 — Present       |
| • Honors College             | Member | September 2020 — December 2021 |
| • Dean's List                | Member | September 2020 — December 2021 |

## TECHNICAL / NON-TECHNICAL SKILLS:

- Fluent in Urdu
- Visual Studio Code, Microsoft Office Suite, Excel, Google Workspace, Git, GitHub
- Customer Service, General IT, Agile Methodology, Computer Hardware Troubleshooting
- Strong problem-solving and analytical skills
- Familiarity with data structures and algorithms
- Proficiency in programming languages such as Java, and C