

Naseer Ahmed

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| Nationality | US Citizen |
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| PROFILE | Resourceful and dedicated college student with excellent analytical/mathematical skills. Bringing forth a strong academic background with multiple collegiate-level courses taken in Computer Science, and an internship with BNL(Brookhaven National Laboratory). |
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PROFESSIONAL AND TECHNICAL EXPERIENCE

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| Jul 2020 — Aug 2020 | Intern, Brookhaven National Laboratory | Upton |
| | Utilized MATLAB's Neural Network Toolbox to optimize and train data. | |
| | Taught myself Python to write scripts and work with Machine Learning for Sub-Pixel resolution in Germanium detectors. | |
| | Leveraged libraries such as NumPy, SciPy, Matplotlib | |
| Sep 2017 — Feb 2020 | Robotics(FTC) | |
| | Developed and implemented robot control code using Java | |
| | Learned how code interacts with hardware through wifi to control motors, servos, and sensors | |
| Oct 2022 — Dec 2022 | Sales Associate, Best Buy | South Setauket |
| | Gained experience in real-time problem-solving and adapting to changing situations. | |
| | Experience with various consumer electronics and technology products, | |

EDUCATION

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| Sep 2021 — May 2025 | Bachelors in Computer Science, Stony Brook University | Stony Brook |
| | Maintained a 3.5 GPA while specializing in Cybersecurity | |
| | Recipient of the Presidential Scholarship | |
| | Pertinent Coursework: System Fundamentals I &II, Data Structures, Discrete Math, Theory of Computation, Probability and Statistics, Fundamentals of Software Development, Cloud Computing, Computer Security Fundamentals, Cloud Computing | |
| Sep 2007 — Jun 2021 | Highschool Diploma, MDQ Academy | Brentwood |
| | 4.00 GPA(Unweighted)/ 5.09(Weighted) | |
| | Academic High Honor Roll 2017- 2021 | |
| | Perfect score on the SAT Math section(800/800) | |

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| SKILLS | Algorithms- bubble sort, binary tree(BFS, DFS), etc. | Experienced | HTML | Experienced |
| | Linux Command Line Knowledge | Experienced | Java | Expert |
| | Bash Scripts | Experienced | Python | Expert |
| | C | Expert | | |

PROJECTS

Android App Creation

-Working Knowledge of Android Visual Studio

- Utilized public API's and parsed JSON data to create a Weather App

FakeStackOverflow Application

Developed a full-stack web app inspired by stackoverflow.com using modern web technologies, ensuring security and user-friendly interface.

- **Tech Stack:** React frontend, Node.js with Express backend, MongoDB database.
- **Security:** bcrypt for password encryption; authentication and authorization.
- **Features:** User registration/login, post/answer questions, voting system.

Dynamic Memory Allocator

Used Java to enhance system performance through efficient memory allocation and fragmentation minimization.

Performed rigorous testing and debugging. Ensured robustness and reliability with tools like Valgrind for memory leak detection and performance analysis