

# Prangon Ghose

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## Experience

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### Lockheed Martin

New York, NY

SOFTWARE ENGINEER

September, 2022 - PRESENT

- Lead software deployment on Kubernetes clusters using Rancher, Docker and Helm, coordinating requirements analysis, systems design and integration testing across a team of 10+ engineers
- Repaired 10+ UI defects in the program's React web app, achieving 100% completion in integration tests
- Minimized the time between code commit and production deployment by 50% by automating software delivery using Gitlab CI/CD

### Lockheed Martin

Rockville, MD

SOFTWARE ENGINEER ASSOCIATE

July, 2021 - September, 2022

- Designed and developed Java microservices for satellite ground systems using Spring Boot, leveraging JUnit and Postman to improve test coverage by 25-30%
- Scaled deployments by 4x on cloud and on-prem servers through Bash scripts for automated installation and Gitlab CI/CD for automated software delivery
- Mobilized 6+ developers to deliver bug fixes and updates after a major release, improving the mean-time-to-repair by 10-15%
- Accelerated Agile team velocity by 15% by expediting capabilities as a subject matter expert in DevOps
- Triaged 25+ vulnerabilities and resolved 100% of identified critical issues by tracking and communicating code quality and code security using SonarQube

### Enertiv

New York, NY

IoT DATA ANALYST INTERN

January, 2020 - May, 2021

- Expanded Enertiv's sensor portfolio by 2x and launched 7 new Internet-of-Things (IoT) packages by integrating 16 sensor data streams using Python
- Improved installation times by 10-15% by developing a Django and AngularJS web app to overhaul the installation process

## Skills

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**Languages** Java, Python, C++, C, HTML, CSS, JavaScript, SQL, Bash, Assembly

**Technologies** Spring Framework, Kubernetes, Docker, Rancher, Gitlab CI/CD, Git, UNIX/Linux

## Education

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### Georgia Institute of Technology

Atlanta, GA

MASTER OF SCIENCE (M.S.), COMPUTER SCIENCE

August, 2022 - PRESENT

- **Specialization:** Computing Systems

### Stony Brook University

Stony Brook, NY

BACHELOR OF ENGINEERING (B.E.), COMPUTER ENGINEERING

Graduated May, 2021

- **Honors/Awards:** Magna Cum Laude, Dean's List (All Semesters)