

# Ayush Goel

ayushgoel.com | ag.goelayush@gmail.com | 315.572.6532  
 Github:// ag-ayush | LinkedIn:// ag-ayush

## OBJECTIVE

Seeking a full-time opportunity starting August 2022.

## EDUCATION

### ROCHESTER INSTITUTE OF TECHNOLOGY

MS IN COMPUTER SCIENCE  
 2021-2022

GPA: 4.00

BS IN COMPUTER SCIENCE

BS IN COMPUTATIONAL MATHEMATICS

2017-2021

GPA: 3.79

## SKILLS

### LANGUAGES

Java • Python • Bash • MySQL  
 Groovy

### TOOLS

git • Linux • Spring Boot • Maven  
 Docker • Kubernetes • Jenkins  
 Splunk • DynamoDB • Neo4j  
 Confluence • Tableau

## ACTIVITIES

### THETA CHI FRATERNITY

FEBRUARY 2021 - PRESENT

A fraternity who extends a helping hand to the community by volunteering at local organizations and emphasizes focus on academics.

### COMPUTER SCIENCE HOUSE

SEPTEMBER 2017 - PRESENT

EVALUATIONS DIRECTOR 2019

A university community of computing centered people focused on technical and social development of its members.

## AWARDS

2021	CS Alumni Scholarship
2019	NRS Scholar
2017-2020	Dean's List at RIT

## EXPERIENCE

### INTUIT | SOFTWARE ENGINEERING INTERN

May 2021 - August 2021 | Remote

- Utilized **ArgoCD**, **Jenkins**, **Terraform**, and Intuit **Kubernetes** to create a CI/CD strategy and pattern based on Canary Deployment with **Service Mesh** for services on Identity 2.0 Platform.
- Organized a **successful** plan to increase developer velocity across multiple teams by analyzing the data metrics from their service deployments. Implemented **Agile improvements** such as Kanban and created several POCs utilizing new technology to increase developer confidence in deployments.

### INTUIT | SOFTWARE ENGINEERING CO-OP

May 2019 - December 2019 | San Diego, CA

- Back-end software engineer on the Identity Platform.
- Migrated 2 REST services from deploying through Spinnaker to utilizing **Docker** and **Kubernetes** with 0 downtime.
- Created tools to semi-automate the migration for other teams.
- Collaborated across teams to create the stack of a new back-end service.
- Utilized **Java** with **Spring Boot** and **Maven**, and used **Groovy** for scripts.

### ROCHESTER INSTITUTE OF TECHNOLOGY | MULTIPLE POSITIONS

Graduate Teaching Assistant | August 2021 - Present

- Mentor First-Year students with the core computer science courses and help debug their code for homework/lab/projects.
- Collaborate with professors, prepare and review course material, and hold 6 weekly review sessions.

Research Software Engineer | May 2020 - May 2021

- Collaboratively developed, tested, deployed, and documented ASSERT, a **Java** and **Python** application to continuously synthesize and separate cyberattack behavior models to enable better prediction of future actions.
- Transformed the research prototype to a leaner and better containerized application.
- Developed dynamic visualization dashboards using **Python**, **Dash** and **Plotly** for analyzing models created by ASSERT.

Supplemental Instruction Program Assistant | January 2020 - December 2020

- Collaboratively helped run the Supplemental Instruction (SI) program at RIT.
- Assisted with the planning and facilitating of new hires and weekly training.
- Observed and provided constructive feedback to SI leaders.

Orientation Coordinator | January 2020 - October 2020

- Collaborated across departments to organize and develop Orientation Program at RIT for over 3000 students.
- Managed, mentored and trained 20 Orientation Supervisors and 150 Orientation Leaders.
- Developed strong leadership, organization, communication, and team building skills.