

# Ayush Goel

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## OBJECTIVE

Seeking a co-op / internship opportunity in Summer 2021.

## EDUCATION

### ROCHESTER INSTITUTE OF TECHNOLOGY

B.S. IN COMPUTER SCIENCE

B.S. IN COMPUTATIONAL

MATHEMATICS

2017-2021

GPA: 3.72

## LINKS

Github:// [ag-ayush](#)

LinkedIn:// [ag-ayush](#)

## COURSEWORK

Analysis of Algorithms

Concepts of Parallel and Distributed Systems

Mechanics of Programming

Principles of Data Management

## SKILLS

### LANGUAGES

Java • Python • Bash • MySQL

Groovy • C

### TOOLS

git • Linux • Spring Boot • Maven

Docker • Kubernetes • Jenkins

Splunk • DynamoDB • Flask

## ACTIVITIES

### COMPUTER SCIENCE HOUSE

SEPTEMBER 2018 - PRESENT

EVALUATIONS DIRECTOR 2019

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

### CS AMBASSADOR

SEPTEMBER 2015 - PRESENT

One of the students representing the Computer Science department at RIT; developed strong leadership and communication skills.

## EXPERIENCE

### INTUIT | SOFTWARE ENGINEERING Co-Op

May 2019 - December 2019 | San Diego, CA

- Back end software engineer for the IdProofing Team
- Migrated the service from deploying via Spinnaker to utilizing **Docker** and **Kubernetes**
- Created a REST service to create, send and confirm OTP
- Worked primarily in **Java** using **Spring Boot** and **Maven**

### ROCHESTER INSTITUTE OF TECHNOLOGY | MULTIPLE POSITIONS

Supplemental Instruction Program Assistant | January 2020 - Present

- Aid in running the Supplemental Instruction (SI) program at RIT
- Manage and mentor a group of SI Leaders

Orientation Coordinator | January 2020 - Present

- Responsible for organization and development of Orientation Program at RIT
- Manage, mentor and train Orientation Supervisors and Orientation Leaders
- Developed strong leadership, organization, communication, and team building skills.

Supplemental Instruction Leader | August 2018 - May 2019

- Aid students in historically difficult CS (Python, Java) courses.
- Plan and facilitate weekly review sessions for the students in order to further their understanding and confidence in the language, thereby also refining my own knowledge of the fundamentals.

Orientation Supervisor | August 2019

- Trained 20 Orientation Leaders to lead a group of new students and helped facilitate the transition of 400 students.

## PROJECTS

### RIDE BOARD [github.com/ag-ayush/rideboard](https://github.com/ag-ayush/rideboard)

A web application developed for hosting large-scale events during which users would like to carpool in order to reach their destination. The app was built using **Flask-SQLAlchemy**, **PostgreSQL**, **Python Flask**, **Flask-pyoidc** and **bootstrap** and deployed using OpenShift. I learned about relational databases using SQLAlchemy, database design, and hosting databases with phpPgAdmin.

### SMART SHADES [github.com/ag-ayush/smart-window-shades](https://github.com/ag-ayush/smart-window-shades)

A web service, written with **Python Flask**, **bootstrap**, **JavaScript** and **AJAX**, that allows one to control their window shades. The physical shades system was built with a Raspberry Pi and a stepper motor. I learned about JavaScript, programming using RaspberryPi and working with hardware.

## AWARDS

- |           |                                     |
|-----------|-------------------------------------|
| 2019      | NRS Scholar                         |
| 2017-2019 | Dean's List at RIT                  |
| 2017      | Best External Data at DataFest, RIT |