

# Ayush Goel

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## OBJECTIVE

Seeking a co-op / internship opportunity in Summer 2020 / Spring 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 Computer 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 - MAY 2017

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**

### ACADEMIC SUPPORT CENTER | SUPPLEMENTAL INSTRUCTION LEADER

August 2018 - Present | Rochester, NY

- 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.

### STUDENT AFFAIRS AT RIT | ORIENTATION SUPERVISOR

August 2018 | August 2019 | Rochester, NY

- Responsible for the transition of around 400 new students
- Trained 20 Orientation Leaders to lead a group of new students and helped facilitate Orientation.
- Developed strong leadership, organization, communication, and team building skills.

## PROJECTS

### RIDE BOARD [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.

### RIDE BOARD API [github.com/ag-ayush/RideBoardAPI](#)

A **RESTful** HTTP API developed for the CSH Ride Board application using **Python Flask**, **Flask-SQLAlchemy**, and **Flask-pyoidc**. The responses are produced in **JSON** format. I learned about APIs and parsing JSON.

### SMART SHADES [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