

# AYUSH GOEL

## Software Engineer

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🔗 ag-ayush

in ag-ayush

## WORK EXPERIENCE

### Academic Support Center

#### Supplemental Instruction Leader

Responsible for planning, scheduling, and facilitating weekly study sessions for CSCI-141 students.

📅 August 2018 - Present

📍 Rochester, NY

### Student Affairs at R.I.T

#### Orientation Leader

Responsible for facilitating the transition of a group of first year and transfers students representing multiple programs from across the university during New Student Orientation.

📅 August 2018

📍 Rochester, NY

## PROJECTS

### Ride Board API

[github.com/ag-ayush/RideBoardAPI](https://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.

### 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 the RideBoard1API, **Python Flask**, **Flask-pyoidc** and **bootstrap**.

### 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.

### Lane Follow Bot

[github.com/ag-ayush/lane-follow-bot](https://github.com/ag-ayush/lane-follow-bot)

A small software program written using **Python** and **OpenCV** to detect white lines on green grass and then output which direction to move in order to stay between the two lines.

### Big Data and Employment

Developed at ASA DataFest 2018, this was a **Java** application built to process datasets in CSV format. The application took the large dataset from Indeed and custom datasets found online as input to produce the states that would be the best for you to work in based on your job interest, experience, and other factors.

## OBJECTIVE

*Seeking a co-op / internship opportunity in Summer and/or Fall of 2019.*

## EDUCATION

### Rochester Institute of Technology

**BS in Computer Science**

**BS in Computational Mathematics**

Cumulative GPA: 3.8/4.0

📅 2017 - Current

## SKILLS

### Languages

Python

Java

HTML

### Tools

Flask

git

Linux

MySQL

Bash

Bootstrap

AJAX

LaTeX

## COURSEWORK

Principles of Data Management

Mechanics of Programming

Numerical Analysis

Advanced Linear Algebra

## ACTIVITIES

### Computer Science House

**Member**

📅 September 2017 - Present

### RITficial Intelligence

**Member**

📅 November 2017 - Present

## AWARDS

### Dean's List

**R.I.T**

📅 Fall '17 - Spring '18

### Best External Data

**Datafest RIT**

📅 2018