AYUSH GOEL

Software Engineer

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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

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

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 **bootsrap**.

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.

Where should you work?

Link not available due to competition regulations.

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, expereince, and other factors.

Lane Follow Bot

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.

OBJECTIVE

Seeking a co-op opportunity in Summer/Fall of 2019.

EDUCATION

Rochester Institute of Technology

BS in Computer Science
BS in Computational Mathematics

Cumalitive GPA: 3.8/4.0

📅 2017 - Current

SKILLS

Proficient

Python Flask git Java

Experienced

Linux HTML

Familar

MySQL Bash Bootstrap ajax

LaTeX

COURSEWORK

Principles of Data Management
Mechanics of Programming
Intro to Software Engineering
CS Theory
Probability and Statistics
Discrete Mathematics

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