AYUSH GOEL

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OBEJCTIVE

Seeking a co-op in Software Engineering for the Summer of 2018.

EDUCATION

Bachelor of Computer Science | Rochester Institute of Technology
EXPECTED GRADUATION: JUNE 2022
Pursuing B.S. in Computer Science

High School Diploma | Liverpool High School
GRADUATED: JUNE 2017
GPA: 4.0 and Awards: RIT Computing Medal, Outstanding Senior in French by AATF and Scholastic Achievements in PLTW courses, Mathematics courses, French courses and English courses.

PROJECTS

Computer Vision Algorithm

I helped develop a **Computer Vision** Targeting Algorithm for *FIRST*® Robotics as part of a team. The algorithm detected retroreflective tape and guided the robot to the tape autonomously. It was written in **Java** using **OpenCV** and implemented as an **Android** application.

SKILLS

- Git/GitHub
- Python
- CAD Modelling (Autodesk Inventor)
- Java
- Linux (Debian)
- Fluent in Hindi

LEADERSHIP

Treasurer | Freshman Project E-Board at Computer Science House
SEPTEMBER 2017– NOVEMBER 2017
New members of CSH annually host a charity event and elect an E-board to help run the event smoothly.

Project Manager, Vice President, and Software Lead | *FIRST*® Robotics
SEPTEMBER 2015 – JUNE 2017
Supervised the team and its subgroups making sure each part came together to make whole, helped organize the team in general and guided the programming crew with their tasks.

President | French Honor Society and French Club at Liverpool High School
SEPTEMBER 2015 – JUNE 2017
Helped run the club by taking administrative responsibilities and organizing events.

ACTIVITIES

Computer Science House
SEPTEMBER 2017 – PRESENT

RIT Artificial Intelligence Club
SEPTEMBER 2017 – PRESENT

RIT Multi-Disciplinary Robotics Club
SEPTEMBER 2017 – PRESENT
RIT MDRC has several subdivisions, one of which is AMOS. AMOS is an **intelligent ground vehicle** that has been developed using Robot Operation System, C++ and **python**.