





# 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*<sup>®</sup> 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*<sup>®</sup> 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**.