




AYUSH GOEL

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OBEJCTIVE

I am currently looking for a co-op opportunity in Fall of 2018. Due to present family circumstances, I am unable to apply for co-op until 2018.



EDUCATION

Bachelor of Computer Science | Rochester Institute of Technology

AUGUST 2017 – JUNE 2022

I am currently enrolled as per the CS flowchart at RIT, but I will be double majoring with my primary major of Computer Science and secondary major of Computational Mathematics. CS is a 5-year program at RIT.

High School Diploma | Liverpool High School

SEPTEMBER 2013 – 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. 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

As the project manager of my robotics team I supervised the team and its subgroups making sure each part came together to make whole. As vice president, I helped organize the team in general and as a software lead, I guided the programming crew with their tasks.

President | French Honor Society and French Club at Liverpool High School

SEPTEMBER 2015 – JUNE 2017

As president, I helped run the club by taking administrative responsibilities and organizing events.



ACTIVITIES

Computer Science House

CSH is an organization that revolves around growing as professionals while having a strong social atmosphere. A big part of CSH is their emphasis on personal projects.

RIT Artificial Intelligence Club

RIT AI club emphasizes independent learning and social learning. The club has weekly seminars and discussions based on self-taught information through provided resources.

RIT Multi-Disciplinary Robotics Club

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**.