



# ABHINAV DARAM

Student

## ABOUT ME

Dedicated college student with an interest in technology. Have skillful communication skills and am skillful when working with a team. Have great organizational skills and have led big projects for academic and extra curricular purposes. Well rounded student who plans to study computer science at a collegiate level and go into cybersecurity as a career.






## SKILLS

Adaptable  
Able to Work in a Team  
Organized  
Communicable  
Positive  
Friendly and Outgoing  
Leader  
Willing to Learn New Things  
Patient


## LANGUAGES



## AWARDS

-  Commended through NMSP (2023)  
Troy Athens High School and NMSP
-  Congratulatory Letter of Encouragement (2021)  
Environmental Protection Agency
-  SEFMD Category Award: 5 (Green Ribbon - Excellent) (2021)  
SEFMD
-  Golden Screwdriver (2022)  
Troy Argonauts Robotics
-  National Cyber Scholar  
National Cyber Scholarship Foundation

## CONTACT

-  248-764-8598
-  abhinavdaram116@gmail.com
-  4201 Easton Way, Troy, MI, USA
-  [www.linkedin.com/in/abhinav-daram](https://www.linkedin.com/in/abhinav-daram)

## EDUCATION

### HIGH SCHOOL

- Troy Athens High School
  - Troy, MI, USA
  - August 2020-June 2024

### COLLEGE

- University of Michigan
  - Pursuing a BSE in Computer Science

## EXTRACURRICULARS

### MEMBER OF FIRST TEAM 8728: TROY ARGONAUTS

September 2021-May 2024

- Lead for Troy Robotics Foundation (TRF) Projects
  - Create Resources for FIRST Tech Challenge (FTC) teams in the Troy School District as well as plan and lead workshops for both students and Coaches
- Previous Lead for Internal Marketing
- Controls (Programming) Lead
  - Started with the Vision Processing Group which programs cameras and sensors to better improve the performance of the robot
  - Wrote subsystem code for the robot as well as reviewed code for the different subsystems and fixed errors
  - Assisted during training season with the rookies by going around and assisting when required
- Hands-On (Fabrication) Lead
  - Assisted with building key components of the 2022 and 2023 robot
- Assisted with Electrical Tasks
  - Helped with the wiring and rewiring of the robot as well as fixing electrical issues
- Worked in the pits
  - Assisted with building, electrical, and programming issues during competitions in the pits
- Drive Team Member
  - Operated robot during competitions and worked with other robotics teams to strategize matches.

## EXTRACURRICULARS CONT.

### NHS MEMBER AT TROY ATHENS HIGH SCHOOL

January 2023-June 2024

- Only for those with a GPA of 3.5 or higher
- Volunteered at school and community events
- Tutored elementary, middle, and high school students

### MENTOR FOR FTC 12548 AT TROY ROBOTICS FOUNDATION

December 2021-December 2023

- Lead student mentor for FTC 12548 Rebel Droids, a robotics team based out of Larson Middle School in Troy, Michigan
- Mentor for:
  - Programming
  - Building
  - Electrical
  - Design
- Driver coach at competitions

### MEMBER OF COMPUTER CLUB AT TROY ATHENS HIGH SCHOOL

September 2020-June 2022

- Participated in computer club where basic python was taught from September 2020-June 2021
- Worked with Arduino and created Arduino controlled robots

## WORK EXPERIENCE

### GRADER/TEACHER AT TROY KUMON NORTH

August 2023-Present

- Grade students work from days where class is not running
- Provide assistance to students for both Math and English helping them better grasp concepts and excel in the future

## PROGRAMS

### GENCYBER CAMP AT OAKLAND UNIVERSITY

August 2023

- Learned about the basics of Cybersecurity such as the McCumber Cube and Risk analysis as well as the careers in cybersecurity
- Learned about risk awareness and Cyberethics
- Created an escape room project with a storyline to present at the end of the camp
- Attended a Presentation from a current FBI member

### MIDAS DATA SCIENCE CAMP AT UNIVERSITY OF MICHIGAN

June 2023

- Learned about Data analysis, AI in images
- Worked with basic python and learned basic SQL
- Learned how to use code to graph basic data
- Attended a presentation from members of the Dominos Pizza Data Science team
- Learning about data and ethics of using data

## PROJECTS

### PIKRECYCLE APP

September 2020 - June 2021

- Created and designed an app with Scratch titled PikRecycle, which rewarded users for picking up litter and recycling garbage
- Submitted to the SEFMD as a science fair project and won an award from SEFMD as well as the Environmental Protection Agency

### TYE - FAN NIRVANA

Oct 2020 - Apr 2021

- Worked with a team to come up with a business idea and a business plan. The idea was to make stadium experience better for sports fans from parking to buying food.
- Was the CTO for this project.
- Pitched the idea to real investors in a mock business presentation
- Worked with an investor to better the idea of our project
- Got support from Acrisure Stadium as well as Sofi Stadium during the making of the project