

Amogh Biradar, High School Student

MOUNT LAUREL, UNITED STATES · amogh.biradar@gmail.com · +1 (856)-220-2936

LINKS

[LinkedIn Profile](#)

PROFILE

Dedicated high school student with a passion for volunteering, software development, teaching, and Machine Learning (AI). Proven commitment, leadership, and communication skills. Ready to make a positive impact on the world.

EMPLOYMENT HISTORY

Founder and CEO, STEM Champions Initiative

Dec 2022 — Present, Mount Laurel, NJ

- Networked with International NGOs
- Taught 50+ students about the wonders of science and STEM
- Work with a team of 4+ members based internationally

Software Developer and Writer, Keenness Technologies

May 2022 — Present, Mount Laurel, NJ

- Develop code/ Consultant for the company.
- The lead writer for any documents necessary to be sent out.
- Developed the Website for Keenness Technologies

EDUCATION

Lenape High School, High School Diploma

Sep 2022 — Jun 2026, Medford, NJ

Freshman Year:

- 4.0 GPA
- 6.0 wGPA
- Academic High Honor Roll for 2023

EXTRA-CURRICULAR ACTIVITIES

DECA Participant + Leader, Lenape High School

Sep 2022 — Jun 2026, Medford, NJ

- DECA is an international organization that hosts business-related competitions. Scoring consists of a written test and a role play, where you act out a specific scene to the best of your ability. The role play will test you on concepts familiar to you based on the event you chose to compete in.
- Compete in the DECA Events
- Lead an assigned team of students by helping them and setting them up for success

Engineer on Robotics Team, Lenape High School

Nov 2022 — Jun 2026, Medford, NJ

SKILLS

Project Management Skills

Multitasking Skills

Strong Organizational Skills

Python Programming

Onshape Software

Eagle PCB

Artificial Intelligence (AI)

Public Speaking

Mechanical Engineering

Machine Learning

LANGUAGES

Kannada

Hindi

English

HOBBIES

Formula 1, Basketball, Cricket (Sport), Robotics,

- Build 120+ pound robot for the FIRST Robotics Competition
- The team consists of 30+ members

Freshman Year:

- Top 60 in the Mid-Atlantic Region
 - Invitation to Regional Championship
 - Finished 30/60 (top 23 go to International Competition)

Volunteer Staff, Habitat For Humanity

Jul 2022 — Aug 2022, Freehold, NJ

- Kept the building tidy
- Helped customers
- Worked the cash register
- Prevented vandalism on property

Teacher, Mindbytes

Aug 2022 — Present, Mount Laurel, NJ

Taught during Summer '22 and Summer '23

- Taught classes of students about Arduino Programming and circuitry.
- Developed an action-packed curriculum with many projects
- Assisted students with problems.
- Propelled students to create their own final projects consisting of 100+ lines of code

Founder + Lead Editor of Monthly Laurel, Mount Laurel Library

Jan 2021 — Present, Mount Laurel, NJ

- 150+ recurring readers
- Wrote Multiple publications per issue
- Monitor other editors regarding their publications
- Assist whenever necessary

COURSES

Inspirit AI Scholars, Inspirit AI

Jun 2023 — Jul 2023

Visa Token Service Technology Virtual Experience Program, Visa

Dec 2022 — Feb 2023

INTERNSHIPS

EOY AWS Internship (Virtual), AWS

Jan 2023 — Feb 2023, Mount Laurel

- Worked with a team of fellow high school students
- managed by fellow AWS employees
- Utilized Machine Learning Models to develop solutions to real-world problems
- Presented our findings in front of AWS Employees

ACHIEVEMENTS

National Junior Honor Society Member

- Hand-picked by a group of existing members based on character, grades, and previous volunteering in 8th grade.
- Volunteered around the school to help teachers
- Started multiple fundraisers for the benefit of the community.

Elected CEO of Robotics team (2021)

- Elected by the team as the CEO (Chief Executive Officer) of my 7th grade Seaperch Robotics Team
- Coordinated the team's efforts and strategies to develop a robot.

First overall in the 2021 MATE PA SCOUT ROV COMPETITION.

- Designed and built a remotely operated vehicle (ROV) to meet the requirements given in the problem issued by the MATE ROV Competition which will complete tasks that simulate real-world problems.
- Assisted in building the ROV frame, created the main programs our ROV ran on, helped with coming up with ideas, etc.
- Placed first out of 10+ teams in the high-school Scout class in 7th grade

Eight overall in the 20th MATE ROV WORLD CHAMPIONSHIP

- Designed and built a remotely operated vehicle (ROV) to meet the requirements given in the problem issued by the MATE ROV Competition which will complete tasks that simulate real-world problems.
- Assisted in building the ROV frame, created the main programs that the ROV ran on, helped with coming up with ideas, etc.
- Placed eighth out of 20+ teams in the high-school Ranger class (Long Beach, California) in 8th grade

4th in NJ Mathlete Competition

- The NJ Mathlete competition is a mathematical test that tests students' abilities in logic and math. As you progress through the test, the questions get harder.
- Placed 4th in school out of 400+ students in the Mathlete Competition in 7th grade
 - Scores were taken to the County/State Level
 - 3rd Place in Burlington County

Elected JSO of school's MATE robotics team (2021)

- Made sure teammates worked safely
- Managed the safety documents
- Constructed our presentation for judges in 7th grade.

Elected DoG (Director of Grippers) of school's MATE robotics team (2022)

- Main contact for technical issues regarding the gripper system of our robot.
- Had a large impact when deciding the course of action in the Software Department in 8th grade.

3rd Place at The DECA District Level

- DECA is an international organization that hosts business-related competitions. Scoring consists of a written test and a role play, where you act out a specific scene to the best of your ability. This scene correlates to the topic you have chosen to compete in.
- 3rd place winner at District Conference Solo Event in 9th grade
 - Invitation to State Level Conference

LINKEDIN PROFILE

<https://www.linkedin.com/notifications/?filter=all>