Bryan Fennell
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EDUCATION

- **The Ohio State University,** Columbus, Ohio (2nd Year)
- **North Carolina School of Science and Mathematics (NCSSM),** Durham, NC, 11th-12th grade
- **Central Academy of Technology and Arts (CATA),** Monroe, NC, 9th-10th grade

HONORS AND AWARDS

- Bohner Memorial Engineering Scholarship 2nd year
- National Buckeye Scholar: 1st - 2nd year
- Maximus Scholarship: 1st -2nd year
- Stadium Scholar: 1st-2nd year
- FEH Most Innovative Robot (Awarded by Procter and Gamble): 1st year
- Engineering Dean's Scholarship: 1st year
- Charlotte Alumni Scholarship: 1st year

ACTIVITIES

- STEP (Second-Year Transformational Experience Program): 2nd year
- NASA BIG Idea Challenge: 2nd year
- Stadium Scholarship Program: 1st & 2nd year
- The Ohio State Maker Club: 1st year

LEADERSHIP EXPERIENCE

NASA BIG Idea Challenge- 2nd Year
Member of The Ohio State University's NASA BIG Idea Team. Students provide innovative designs for NASA's Game Changing Development program. The challenge involves combining currently deployed systems to create a low cost Solar Electric Powered Tug to move payloads into an orbit around the moon.

Stadium Scholars Program Scholarship Committee Chair- 2nd Year
Current Co-Chair on the scholarship committee for the Stadium Scholars Program. Responsible for planning, budgeting, and facilitating scholarship and intellectual events, such as resume workshops, throughout the year for students within the program.

FEH Robotics Competition- 1st year
Participated in a semester long robotics design project sponsored by First Year Engineering Honors at Ohio State as a member of a four-person team. responsible for the overall design and fabrication of the robot as well as creating CAD models and programming. My team won the award for most innovative robot.

Robotics Instructor, Waxhaw Kid Coders- Summer 2015 & 2016
Worked at a STEM camp that taught elementary and middle school aged children the basics of coding, computer science, robotics, and engineering. Acted as a lead instructor, teacher and counselor.

Project Guardian Falcon: AFRL Discovery Lab Internship- Summer 2015
Worked as part of a two-person team to design a 3D printable drone capable of carrying and deploying a secondary consumer off-the-shelf drone.

Bioelectronics Research at North Carolina State University- 11th grade
Performed research in electrical engineering on the connection between the antennae of insect biobots and the controller's interface and how this connection can be improved as a summer research assistant.