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| Aditya Das *Montgomery Blair High School (MBHS) - Junior*  *Passionate about robotics, ML/AI, and art* | | | | | | |  | | ziggydas@gmail.com  +1 (202) 415-2802  5119 Waukesha Rd  Bethesda, MD 20816 |
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| Education |  |  | **Montgomery Blair High School**  2019-Present | | | MBHS Science, Mathematics, Computer Science Magnet Program | | | |
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|  |  | **Harvard Secondary Summer School**  2021 | | | Digital Fabrication, Public Speaking  Constructed a bluetooth-communicating gesture-controlled robotic arm | | | |
|  |  | **Johns Hopkins CTY Summer Program**  2018-2019 | | | Intensive Studies in Electrical Engineering, Astrophysics | | | |
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| Relevant Coursework |  |  | | Principles of Engineering, Digital Fabrication, Thermodynamics, Optics, Algorithms and Data Structures, Analysis (Calculus), Applied Statistics, Quantum Physics | | | | | |
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| Skills |  |  | | * Proficient in 3D CAD in Autodesk Inventor and Fusion 360 * Proficient in Python, Java, Arduino, and HTML/CSS * Proficient in shop skills (i.e. bandsaw, drilling), wiring, soldering, pneumatics * Basic ML/AI skills and convergent neural networks | | | | | |
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| **Experience** |  |  | | 2021 FIRST Robotics Challenge Scrimmage Volunteer  2021 Robotics STEM EXPO Volunteer  2019 Wood Acres ES International Night Organizer | | | | | |
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| Awards |  |  | | 2021 1st Place, International American Fine Arts Festival Piano Competition  2021 1st Place, DECA Start-up Business Maryland State Competition  2019 2nd Place, Montgomery County Science Fair Junior Division  2017 Quarterfinalist, FIRST Lego League Robotics National Global Innovation Challenge | | | | | |
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| Activities |  |  | **FIRST Competition Robotics Team 449**  2019-Present | | | Electronics Team Leader   * Supervises robotics team of 100+ members on construction of electronics and pneumatics boards for robot * Oversees 3D CAD design of FRC-viable robot | | | |
|  |  | **Blair Album Club**  2021-Present | | | Co-president   * Produces and records podcasts about music events, albums, and other related topics | | | |
|  |  | **DECA**  2020-Present | | | Member   * Prepares entrepreneurship proposals and strategies for new business ideas as part of national DECA program * Won state championship for start-up business proposal | | | |