

**Education:**

- Class of 2019, Senior at South Brunswick High School, Monmouth Junction, New Jersey (310-802)
- Weighted GPA: 4.3054
- SAT: 1500, ACT: 34, SuperScore ACT: 35
- Will graduate with 9 AP classes and overall 12 college level courses

**After-School Activities & Projects:**

- Robotics Club, Co-President, Team Captain. Club Membership: 300 2018 - 2019
- National Honor Society 2018
- Subject Honor Society, Spanish, Science. 2018
- Percussion Ensemble, 4-Mallet Player, Auxiliary Percussionist. 2015 - 2018
- *Saving Animals One Paw at a Time*, Girl Scout Silver Award, raised awareness for endangered animals 2015

**Work Experience:**

- STREAM, my own business, delivered science, technology, robotics, engineering, art, and mathematics workshops and/or summer camps across New Jersey schools and pre-schools. 2017 - 2019
- Head Robotics Coach, Engineering For Kids at JEI Learning Center, Hillsborough, NJ, teach Robotics and engineering classes during the school year and VEX robotics camp during the summer, worked with VEX, Ozobot, First Lego League both competitively and educationally. 2018 - 2019

## Internships & University Camps:

- Computational Biology Internship, Inscopix, 2462 Embarcadero Way, Palo Alto, CA 94303, working with statistical algorithms and cellular labeling software, under instruction of Dr. Kunal Ghosh, Dr. Stephani Otte, and Dr. Mike Schachter 2018
- Computational Orthopedic Biomechanics Research, Drexel University under Dr. Sriram Balasubramanian, ran image processing of long bone samples and three-dimensional reconstructions of computed tomography scans 2018
- Biomed Summer Academy, Drexel University, incorporating Tissue Engg, Biosensors, and Neuro Engineering into a prototype of a biomedical device that runs on software and algorithms 2017
- Engineering Target Program for Girls, Rutgers University, intro to Mechanical, Chemical, Civil, Packaging 2017

## Competitions & Awards:

- *Rensselaer Polytechnic Institute Medal Award*, nominated and selected for prestigious scholarship, Value: \$25,000 guaranteed for 4 to 5 years of college 2018
- *STEMPOWERED KIDS*, Girl Scouts Gold Award, empowering and educating kids especially girls about science, technology, engineering, and math careers 2018
- *Best Overall App*, National Code Day Hackathon by Srnd., Escape the Room Game App, coded using Java and Android Studios 2018
- 2nd place at New Jersey States Competition, VEX EDR Robotics, second highest scoring robot that autonomously stacks cones using sensors and dead reckoning 2018
- Regional Champions (2x), VEX EDR Robotics, best engineering notebook and mechanical design 2018

- *Best Use of Google API*, Femme Hacks Hackathon, use of heat maps to show education statistics in PA 2017
- *Best Community Impact Award*, South Brunswick Annual Hackathon, coded website outputs new dishes to cook based on user input of leftovers, uses Java, Javascript, HTML & CSS, and Food APIs 2017
- NJ Robotics State Champion, VEX EDR Robotics, along with a team of 17 built and programmed a robot that can make basketball shots accurately 2016

#### **Volunteer Work/Community Service Activities:**

- Girl Scout Ambassador, Girl Scouts of Southern & Central New Jersey, Troop 80931, participated in countless volunteer activities such as fundraising events, bake sales, entertainment performances and for local shelters, food drive, senior homes, and soldiers 2009 - 2019
- HindiUSA Org., Tutoring both kids and adults how to speak, write, and read Hindi, teaching about Hindu culture and festivals 2015 - 2019
- Tutor in algebra 1 and 2, Geometry, Middle School Math and English 2016 - 2019
- Booth Assistant at Maker Faire. Teaching kids and adults to about electronics and how to make light-up greeting cards 2015 - 2019
- Steamworks Stem Learning Center, Instructor, robot fundamentals teacher and compiling chemistry summer camp presentations 2016 - 2017