

Melanie Zito

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Objective: To obtain an internship in an engineering setting where I can contribute my skills and gain experience.

Education

Severna Park High School (Graduation 2018)

- Weighted GPA: 4.29, Unweighted GPA: 3.97
- Key Courses
 - AP Physics 1
 - AP Calculus AB
 - Computer Skills Course (touch typing and Microsoft word skills)

Summer Center for Gifted and Talented Youth (CTY) Classes

- Three summers of a 3 week long residential program
- Courses taken: Creative non-fiction, Neuroscience, Electrical Engineering

Skills

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- Studied and worked with HTML, Java, and Python through Girls Who Code
 - Created a tutorial in Mozilla Thimble
 - Built robots for VEX competitions and developed expertise with VEX systems
 - Designed a custom chess piece with Inventor 2016 for a themed chess board
 - Used Microsoft word and Excel extensively for school
 - Type 45 words a minute
 - Designed electrical circuits to alternate lights and store voltage; repaired appliances around the house

Leadership

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- Co-captain of my club soccer team (2014-2016)
 - Three years of leadership in Girls Who Code, including its formative year
 - Engineered design ideas and solutions in a student group for VEX robotics

Experience

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- Composed lyrics and music for an original song on guitar and enlisted help of musical friends to coordinate accompaniments to the song. Will be performed at an open coffee house event in the future.
 - Babysitter, March-May 2013
 - Cared for a 4 year old child while the mother took a requalification course
 - Awards:
 - Placed 2nd twice and 3rd once in state for VEX robotics group competition