Benjamin DiMarco

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Objective: **To receive a position as a High School Student Tech position at Lockheed Martin**

Skills & Abilities

- Novice at Java, Autodesk 3D design software, and JavaScript
- Acquainted with HyperText Markup Language (HTML), and Cascading Style Sheets(CSS).

Education

Centennial High School, Ellicott City MD 21042
September 2017 - May 2021 (Expected)
- GPA: 3.93/4.00
       4.61/5.00

Awards and Honors

- National History Day County qualifier.
- Three-Time principal honor roll student.
- Six-Time gold Honor Roll student.

Relevant Course-Work and Projects

Computer Science A AP - 11th Grade
- Used the eclipse development environment in order to develop a fully functioning game of Madlibs, and a program that implements data structures to accurately add and multiple numbers to overcome Java's bit limit.

Principles of Java G/T (Gifted and Talented) - 11th Grade
- Developed an application in Java that can guess a user's number from 1 - 10 using user input, and an application in Java that provides the user with the solutions to quadratic functions.

AP Computer Science Principles - 10th Grade - A received
- Created an application that took user input regarding weather conditions, temperature, and daily activities in order to provide users with a suggested outfit to wear for the day.

Intro to Engineering and Design G/T - 9th Grade - A received
- Learned how to use Autodesk 3D design software.

Extra-Curricular Activities

First Tech Challenge (FTC) - Competitive Team Programmer
August 2019 - Present
- Helped in the development of programs using Java to add functionality to our robots.
- Designed website for the robotics team; leader of the team creating the promotional video.
- Taught elementary school children the fundamentals of robotics programming and building.
- Designed visual representations of possible robot ideas using Autodesk Inventor 3D design software.

Computer Science Club - Competitive Team Member
September 2019 - Present
- Competed at International American Computer Science League (ASCL) tournaments.

Model United Nations (MUN) - Competitive Delegate
September 2019 - Present
- Researched real-world issues, and discussed possible solutions to them.
- Debated international cybersecurity at Centennial High School's MUN conference.
- Built communication, and leadership skills.

Volunteer Work

Volunteer at Lighthouse Senior Living
June 2019 - August 2019
- Assisted the kitchen staff during lunch hours and administration with meal service and preparation and implementation of recreational activities for a cumulative 36 hours.