Joseph Shneyderman

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Education

Northeastern University Exp. Graduation: May 2024 *College of Engineering* GPA- 3.764
- B.S. Mechanical Engineering
- Coursework completed: Cornerstone for Engineering, General Chemistry, Calculus 3
- Coursework in progress: Physics 2, Differential Equations/Linear Algebra and Engineering 2
- Extracurricular activities: AerospaceNU - Propulsion

North Andover High School 2016-2020 GPA - 4.48
- AP Calculus BC, AP Physics, AP Biology
- Honors Band, Pep Band, Cross Country and Track and Field, National Honors Society, German NHS

Skills

Languages: C/C++, Python
Skills: Arduino, Robotics, CAD, Microsoft Office Suite, SolidWorks
Interpersonal Skills: Leadership, eager learner, team worker

Projects

AerospaceNU- Learned about rocketry and designed a liquid fueled rocket engine, using kerosene and liquid oxygen as fuel/oxidizer. In the process of building the engine.

Audi Motor Replacement - Fixed an Audi from a non-running state to street legal car. Replaced motor and other failing components of the vehicle. Worked with a friend to repair the vehicle with self-learned knowledge without the assistance of a professional mechanic.

Robot- Designed and built a robot using Arduino to deliver medicine and other small objects to help prevent the spread of COVID-19 by eliminating unnecessary contact.

Volunteer Experience

Robotics Competition- 2019

- Helped set up and run local robotics competitions, learned a lot about the robots and how they function as well

German National Honors Society - 2019-2020

- Helped teach/tutor middle school students the German language.
- Co-president of the German National Honors society, organizing many community based volunteering opportunities

Work Experience

Panini Pizza Co. – *Middleton MA* Delivery Driver/Cashier 2018-2020

- Was a delivery driver and cashier for a small business in Middleton MA for 2 years, had to work with and communicate with many different people.
- Worked around language barriers as some employees spoke little English.