
Harrison Hartzel

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6 Eldora St Apt #3 Boston MA, 02120

Education

Northeastern University, Boston, MA

GPA: 3.0

Candidate for Bachelor of Science in Civil Engineering

May 2025

Minor in Business Administration

Relevant Courses: Statics and Solid Mechanics, Structural Analysis, Concrete Structure Design, Steel Structure Design, Fluid Mechanics and Hydraulics

Activities: American Society of Civil Engineers Student Chapter Member, Northeastern Wrestling, Engineers Without Borders Panama Project, Intramural Sports

Gill St. Bernards High School, Peapack-Gladstone, NJ

Diploma

June 2021

Extracurriculars: JV Soccer (Co-Captain), Varsity Soccer, Academic League Team, Debate Club Member

Work Experience

Preferred Pools Management Inc.

Fairfield, NJ

Lifeguard

Summers 2019 and 2020

- Supervised swimming at public pools to ensure the safety of the pool attendants
- Cleaned out the pool with vacuum, checked pH levels, and cleaned pool filters
- Coordinated with 2-3 other on duty lifeguards to ensure the pool facility was properly staffed at all times

Stony Hill Farm Market

Chester, NJ

Park Sales Associate

Fall 2019

- Explained activities such as apple picking, pumpkin picking, hayride, and corn maze to 50-100 customers per hour, and rotated duties as instructed
 - Sold admission tickets and concessions to customers
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Academic Projects

Engineering Projects

Spring 2021

- Design toy for children ages 3-6 who lack fine motor skills in a team of 4 students
 - Drafted toy design in AutoCad and modeled in SolidWorks to aid in prototype assembly
 - Operated laser cutter and 3-D printer to finalize toy construction
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Volunteer Experience

Fair Foods

Jamaica Plain, MA

Volunteer

March - April 2022

- Received donated foods as drop-off area, divided and packaged food for individual distribution, transported food to pick-up area, and cleaned the warehouse

Gill St Bernards High School

Del Rio, Puerto Rico

Volunteer

Summer 2019

- Labored with 20 other students and faculty to create a concrete mixture that could withstand 2,500 pounds of force
 - Poured concrete mixture on floors and roofs to reinforce structural integrity of houses devastated by Hurricane Maria
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Skills & Interests

Software: Microsoft Excel, Microsoft Word, AutoCad, SolidWorks

Programming: C++, Matlab, Arduino/Sparkfun kit

Languages: English (Fluent), Spanish (Conversant)

Interests: Basketball, wrestling, weight lifting, traveling, and spending time with family and friends