

### Summary:

I'm a creative person who loves a new challenge to conquer. I also love to learn, and am always looking to expand my repertoire of abilities. I'm a good leader, due to my articulate nature and time-management skills. In addition to leadership, I'm also capable programming with the team I lead. I hope to be a valuable asset to your company.

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### Education:

Staples High School Class of 2020

Northeastern(Khoury College of Computer Science) Class of 2024

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### Clubs and Activities

### Grade(s)

#### Young Politicians League -

(9-12)

Lead debate moderator. Discuss current controversial issues.

#### Junior Statesmen of America -

(10)

Member, debated with others on political issues.

#### Sikorsky STEM challenge -

(11-12)

Lead team programmer (C language on the Arduino platform) and electronic designer

#### Staples Coding Club -

(11-12)

Practice coding for competitions, learned Python and help teach coding.

#### Lockheed Martin Code Quest Competition -

(11-12)

Compete with over 30 high schools to solve coding challenges. (Team)

#### Green Club -

(11-12)

Environmental initiatives, fundraising, raising awareness through education.

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### Leadership

### Grade(s)

#### National Honor Society -

(12)

Collaborate with students to volunteer in community service projects.

#### Toquet Hall Teen Governing Board -

(9-12)

Member of the executive board and head of technology/repair of gaming equipment.

Event planning and promotion. Advised hardware purchase and setup of equipment.

#### Circle of Friends -

(9-12)

Student liaison-responsible for organizing events and recruiting volunteers to interact with teens with special needs.

#### Young Politicians League -

(9-12)

Vice President, Lead debate moderator. Discuss current issues.

#### Friends of Appalachia -

(11-12)

Perform construction projects for building homes in Appalachia for families in need.

Fundraise for equipment, materials and travel.

#### Religious Action Center of Reform Judaism Leadership Program -

(10)

Washington, D.C. teen advocacy program for social justice.

Focused on advocacy for gun violence prevention culminating in a lobby day on Capitol Hill.

- Discussion groups to compose plea for gun violence prevention policies that Congress should support
- Met with Congressman Jim Himes to discuss these pressing issues

Community Service	Hours
<b>Person-to-Person food pantry</b> - Stock shelves, unpack produce, pack up goods for patrons	(17 hours)
<b>Westport Public Library Makerspace</b> - Train and instruct kids with Lego Mindstorm robots, Arduino projects, 3D Printer maintenance	(20 hours)
<b>Service League of Boys</b> - Student volunteer: Served our town through community projects. Setup and manage events for nonprofits, town festivals and maintenance for Wakeman Town Farm.	(58 hours)
<b>Circle of Friends</b> - Student liaison: responsible for organizing events to interact with teens with special needs	(15 Hours)
<b>Westport Senior Center</b> - Computer tech support for seniors, administrative tasks, serve lunch	(44 hours)
<b>Harbor Watch/ Save the Sound</b> - Fish trawling: monitoring for invasive species and sustainability of Long Island Sound. Environmental cleanups at local parks and beaches.	(18 hours)
Employment	Grade(s)
<b>Mountain Financial Services</b> - Developed a website for a financial institution	(12)
<b>Live XYZ</b> - NYC Tech Startup, computer science internship, paid position, 80 hours.	(11)
<b>Wilton Public Library</b> - Paid position as a resident instructor, 45 hours <ul style="list-style-type: none"> <li>• Taught 2-session video game development class with Unity Engine software</li> <li>• Taught Arduino micro controller class</li> <li>• Trained patrons how to use 3D printers, maintenance of equipment,</li> <li>• Operated equipment/trained patrons during "Innovation Day"</li> </ul>	(10-11)
<b>HM Games Studio</b> - Developed online game, SCP Secret Laboratory	(9-10)
<b>Staples High School</b> - On-call 3D printer repair technician.	(9-12)
Summer Programs	Grade(s)
<b>Brown University</b> - Data Science with the R programming language	(12)
<b>NYU Tandon School of Engineering</b> - Machine Learning and AI with Python	(11)
<b>Northeastern University</b> - Engineering and Design	(10)
<b>Worcester Polytechnic Institute</b> - Robotics	(10)
<b>University of Massachusetts at Amherst</b> - Introduction to Engineering	(9)

Honors and Achievements	Grade(s)
<b>Science Department award for Embedded systems programming</b> - Awarded to best embedded systems programmer at school for given year	(12)
<b>National Honor Society</b> - Honor for scholarship, leadership, service, and character.	(12)
<b>Lockheed Martin Code Quest</b> - Coding competition, 2nd place, advanced level, Northeast Region.	(11)
<b>Sikorsky STEM challenge</b> - Team award, for 4th place in the state of Connecticut.	(11)
<b>Staples Cross-Country</b> - 4 years Cross-Country/Indoor/Outdoor Track • S-pin award for Dedication to the Cross-Country Team	(9-12)
<b>Staples High School schedule app</b> - Mobile app/webapp/browser extension (co-author)	(10)
<b>Science Olympiad Competition</b> ( <a href="https://goo.gl/F8Gqzm">https://goo.gl/F8Gqzm</a> ) • Created fully-functioning robot without using a kit (individual)	(6)
• Water Quality Lab (team)	(6)
• Scrambler vehicle competition, 3rd place in the state of Connecticut	(8)
<b>First Lego League</b> - Award for best robot design, 2nd place for robot performance, qualified for States • Skills involved: building Lego Mindstorm robot, public speaking and teamwork.	(8)

Hobbies and Recreation
<p>Server management, personal website development.</p> <p>Linux</p> <p>Programming in JavaScript, HTML, CSS, C, C#, Java, Bash, Python, Processing 3, Processing 5, R, Typescript, Node.js and more.</p> <p>Reading, welding sculpture and furniture, building electronics projects, hiking, rock climbing, cycling, running</p> <p>Westport School of Music - drumming</p>